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Overview of OpenVMS Documentation

# OpenVMS

Part Number: AA-PV6YB-TK



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# Overview of OpenVMS Documentation

Order Number: AA-PV6YB-TK

**March 1994**

This manual contains a brief introduction to the OpenVMS information set and includes a short summary of each documentation component for OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1.

**Revision/Update Information:** This manual supersedes the *Overview of OpenVMS Documentation*, OpenVMS AXP Version 1.5 and OpenVMS VAX Version 6.0.

**Software Version:** OpenVMS AXP Version 6.1  
OpenVMS VAX Version 6.1

**Digital Equipment Corporation  
Maynard, Massachusetts**



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**March 1994**

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# 1 Overview

This manual is a guide to the OpenVMS documentation set for OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1, providing information about the contents and ordering information for each of the components in the OpenVMS documentation set. This release of OpenVMS marks a continuation of the documentation strategy for the OpenVMS AXP and OpenVMS VAX products in terms of the organization of the manuals, the available formats, and the kitting of the manuals.

Most manuals contain information that applies to both OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1. These manuals are called **common** manuals.

OpenVMS documentation is available in a variety of formats:

- Printed books (hard copy)
- Online viewable books (using the DECwindows Bookreader application)  
OpenVMS customers now receive the documentation set in online viewable format with their OpenVMS compact disc kit. For OpenVMS VAX customers, online books are also available on the Online Documentation (OLD) Library compact disc. (Refer to Section 5 for more information.)
- Printable files

This manual helps you choose the documentation that best suits your needs. It compares the contents and organization of the available documentation sets and kits, describes the components of the complete OpenVMS information set, provides ordering information, and lists order numbers for all components.

## 1.1 Documentation Support for OpenVMS AXP and OpenVMS VAX

Manuals that apply to both OpenVMS VAX and OpenVMS AXP systems are called common manuals. In common manuals, any functional differences between the two are clearly described in the text and marked with margin icons, as follows:



AXP

The AXP icon denotes the beginning of information specific to OpenVMS AXP.



VAX

The VAX icon denotes the beginning of information specific to OpenVMS VAX.

A black diamond (◆) indicates the end of a platform-specific section of information.

In addition to the common manuals, a small number of books has been produced specifically for OpenVMS AXP Version 6.1 or OpenVMS VAX Version 6.1. For example, because the command displays and crash analysis sessions for the System Dump Analyzer are different on AXP and VAX systems, two separate manuals have been produced. The common and system-specific manuals in each kit are listed in tables found in Section 2.



The covers of most manuals are color-coded to let you know if the manual is common, specific to OpenVMS AXP, or specific to OpenVMS VAX, as follows:

Cover Color	Manual Type
Pink	Common manual—information applies to both OpenVMS AXP and OpenVMS VAX
Purple	OpenVMS AXP manual—information applies only to OpenVMS AXP
Blue	OpenVMS VAX manual—information applies only to OpenVMS VAX

When you order an OpenVMS AXP kit of manuals, you receive all of the common manuals in that documentation set plus all manuals specific to OpenVMS AXP in that kit. Similarly, when you order an OpenVMS VAX kit of manuals, you receive all of the common manuals in that documentation kit plus all manuals specific to OpenVMS VAX in that kit. You can also order combined documentation kits; combined sets include common manuals, manuals specific to OpenVMS AXP, and manuals specific to OpenVMS VAX.

Table 11 lists the kits available for OpenVMS AXP Version 6.1, Table 13 lists the kits available for OpenVMS VAX Version 6.1, and Table 15 lists the combined kits.

## 1.2 Update Kits

For OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1, many manuals have been revised for both hardcopy and Bookreader versions. A manual that is revised for both hardcopy and Bookreader versions for OpenVMS AXP Version 6.1 or OpenVMS VAX Version 6.1 is either a new manual or a manual that has undergone significant revision since OpenVMS AXP Version 1.5 or OpenVMS VAX Version 6.0.

Other manuals in the OpenVMS documentation set have been revised for Bookreader version only. A manual that has been revised for Bookreader version only has had some relatively minor revision since OpenVMS AXP Version 1.5 or OpenVMS VAX Version 6.0. If a software component associated with a manual updated only for Bookreader version has any new features for OpenVMS AXP Version 6.1 or for OpenVMS VAX Version 6.1, these new features are fully documented in *OpenVMS AXP Version 6.1 New Features Manual* or *OpenVMS VAX Version 6.1 New Features Manual*.

Some manuals in the OpenVMS documentation set have not been revised for either hardcopy or Bookreader versions. In most cases, no changes have been made to the user operation of the components associated with these manuals. If any changes have been made, they are documented fully in *OpenVMS AXP Version 6.1 New Features Manual* or *OpenVMS VAX Version 6.1 New Features Manual*.

If you upgrade your system from OpenVMS AXP Version 1.5 to OpenVMS AXP Version 6.1, or from OpenVMS VAX Version 6.0 to OpenVMS VAX Version 6.1, you should order (or will receive automatically, if your contract specifies it) a documentation update. The documentation update for any kit includes the following:

- All manuals in that kit that are revised for hardcopy version
- All manuals that are new to that kit



If you order any documentation kit as a complete order (that is, not as an update), you receive the most recent version of each of the manuals in that kit, as listed in this manual.

## 2 Components of OpenVMS Documentation

OpenVMS documentation consists of the following information components:

- Base Documentation Set
- Standard Documentation Set (which includes the Base Documentation Set)
- Standard + Optional Documentation Set
- Release Notes Kit
- Upgrade and installation documentation
- Optional documentation
- System Integrated Products (SIPs) documentation
- Online help
- Help Message facility

The installation information for your OpenVMS operating system is included in the media kit for your software.

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### Note

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Note the distinction between a Documentation *Kit* and a Documentation *Set*. A Documentation Kit is a group of manuals with a logical relationship (for example, the Base Documentation Kit is a series of essential manuals for system managers and all users, as listed in Table 2).

A Documentation Set is a superset of a Documentation Kit; a Documentation Set includes one or more Documentation Kits, and it can also include a group of individual manuals. The Base Documentation Set, for example, includes the entire Base Documentation Kit plus the Release Notes Kit for your system.

---

You can order documentation by sets, by kits, or by individual manuals. Table 1 lists the available Documentation Sets. The components of the various documentation kits are described in this section, and ordering information is shown in Section 7.



**Table 1 Documentation Sets**

Set	Contents
Base Set	Base Documentation Kit Release Notes Kit
Standard Set	Base Documentation Set Master Reference Kit Advanced System Management Kit Networking Kit Programming Kit
Standard + Optional Set	All kits in Standard Set All Optional Manuals (see Figure 2)

## 2.1 Base Documentation Set

The Base Documentation Set includes the manuals in the Base Documentation Kit and the manuals in the Release Notes Kit.

### 2.1.1 Base Documentation Kit

The Base Documentation Kit addresses the needs of general users and system managers of small standalone systems. The manuals give concise and easy-to-find information about performing day-to-day tasks. In addition to showing you how to create and edit files, send mail, and use command procedures, the Base Documentation Kit provides reference information about DIGITAL Command Language (DCL) commands and utilities. It also provides task-oriented system management information about topics such as installing software and starting up the system, and it provides reference information about the utilities you use to complete those tasks.

The Base Documentation Kit consists of the manuals listed in Table 2.

**Table 2 Contents of the Base Documentation Kit**

<i>OpenVMS DCL Dictionary: A-M</i> <sup>1</sup>
<i>OpenVMS DCL Dictionary: N-Z</i> <sup>1</sup>
<i>OpenVMS Software Overview</i> <sup>1</sup>
<i>OpenVMS System Manager's Manual: Essentials</i> <sup>1</sup>
<i>OpenVMS System Manager's Manual: Tuning, Monitoring, and Complex Systems</i> <sup>1</sup>
<i>OpenVMS System Management Utilities Reference Manual: A-M</i> <sup>1</sup>
<i>OpenVMS System Management Utilities Reference Manual: N-Z</i> <sup>1</sup>
<i>OpenVMS Guide to System Security</i> <sup>1</sup>
<i>OpenVMS User's Manual</i> <sup>2</sup>
<i>POLYCENTER Software Installation Utility User's Guide</i> <sup>1</sup>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release



The following sections describe each manual in the Base Documentation Kit:

***OpenVMS DCL Dictionary***

Describes the DIGITAL Command Language (DCL) and provides an alphabetical listing of detailed reference information and examples for all DCL commands and lexical functions. This manual is in two parts.

***OpenVMS Software Overview***

Provides an overview of the OpenVMS operating system and some of its available products.

***OpenVMS System Manager's Manual: Essentials***

Provides system managers of small standalone systems with descriptions of the procedures they need to manage daily operations on an OpenVMS system. It provides instructions for setting up and maintaining routine operations, such as starting up the system, installing software, and setting up print and batch queues. It also documents routine disk and magnetic tape operations.

***OpenVMS System Manager's Manual: Tuning, Monitoring, and Complex Systems***

Describes configuring and controlling the network, monitoring the system and performance, and managing system parameters. The manual also includes information on VMScluster environments and DECdtm functionality.

***OpenVMS System Management Utilities Reference Manual***

Presents reference information on the utilities you can use to perform system management tasks on your system as well as the tools to control and monitor system access and resources. In addition to system management utilities, a description of the AUTOGEN command procedure is included in this two-part manual.

***OpenVMS Guide to System Security***

Describes the security features available in the OpenVMS AXP and VAX operating systems. It explains the purpose and proper application of each feature in the context of specific security needs.

This common manual replaces the individual security manuals for OpenVMS AXP Version 1.5 and OpenVMS VAX Version 6.0.

***OpenVMS User's Manual***

Provides an overview of the operating system and presents basic concepts, task information, and reference information that enable you to perform daily computing tasks. It describes how to work with files and directories. It also includes these additional topics:

- Sending messages with the Mail utility and the Phone utility
- Using the Sort/Merge utility
- Using logical names and symbols
- Writing command procedures
- Editing files with the EVE and EDT text editors
- Processing files with DIGITAL Standard Runoff (DSR)

***POLYCENTER Software Installation Utility User's Guide***

Provides information on the POLYCENTER Software Installation utility, a new component that lets you install and manage software products that are compatible with the utility.



### 2.1.2 Release Notes Kit

The Release Notes Kit consists of the manuals listed in Table 3. The Release Notes Kit is included when you order the Base Documentation Set, the Standard Documentation Set, or the Standard + Optional Documentation Set; you can also order the Release Notes Kit separately.

The contents of the Release Notes Kit differs for VAX and AXP customers. All of the manuals in the Release Notes Kit are revised in hardcopy and Bookreader versions for OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1 (except for release notes addenda, which are not available in Bookreader versions).

**Table 3 Contents of the Release Notes Kit**

---

<i>OpenVMS VAX Version 6.1 Release Notes</i> <sup>†</sup>
<i>OpenVMS VAX Version 6.1 Release Notes Addendum</i> <sup>†</sup>
<i>OpenVMS VAX Version 6.1 New Features Manual</i> <sup>†</sup>
<i>OpenVMS AXP Version 6.1 Release Notes</i> <sup>‡</sup>
<i>OpenVMS AXP Version 6.1 Release Notes Addendum</i> <sup>‡</sup>
<i>OpenVMS AXP Version 6.1 New Features Manual</i> <sup>‡</sup>
<i>OpenVMS Compatibility Between VAX and AXP</i>
<i>Overview of OpenVMS Documentation</i>
Cover Letters and Software Product Descriptions

---

<sup>†</sup>OpenVMS VAX specific

<sup>‡</sup>OpenVMS AXP specific

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#### **Release Notes**

The Release Notes for OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1 document temporary problems and bug fixes to the operating system. The Release Notes addenda provide last-minute information about this release.

#### **New Features**

The New Features manuals for OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1 describe new and improved components for the operating systems.

#### ***OpenVMS Compatibility Between VAX and AXP***

*OpenVMS Compatibility Between VAX and AXP* compares and contrasts OpenVMS on VAX and AXP computers, focusing on the features provided to end users, system managers, and programmers.

#### ***Overview of OpenVMS Documentation***

The *Overview of OpenVMS Documentation*, which you are now reading, is a general introduction to the documentation set. This manual explains how the set is organized and describes all its components. It also lists order numbers and provides ordering information.

#### **Cover Letters and Software Product Descriptions**

The Release Notes Kit also includes relevant cover letters. OpenVMS VAX customers also receive in hardcopy version the appropriate Software Product Descriptions. OpenVMS AXP customers receive Software Product Descriptions in text and PostScript versions on compact disc.



## 2.2 Standard Documentation Set

The Standard Documentation Set contains complete and detailed information about using the OpenVMS operating system on any size system. The Standard Documentation Set is intended for software developers, system analysts, system managers, and other users of midrange and high-end systems (including clusters) who need detailed technical information.

For example, a system manager responsible for setting up and maintaining a midrange or high-end system or a complex VMScluster environment or DECnet network can use the Standard Documentation Set for information on customizing large systems, running the network, and maintaining performance.

Programmers can find information they need about program development, programming utilities, system and utility routines, system services, and OpenVMS VAX to OpenVMS AXP migration in the Standard Documentation Set.

The Standard Documentation Set includes the following:

- Base Documentation Set (includes the Base Documentation Kit and the Release Notes Kit)
- Master Reference Kit
- Advanced System Management Kit
- Networking Kit
- Programming Kit (includes the OpenVMS AXP Migration Kit for customers who order AXP or combined kits)

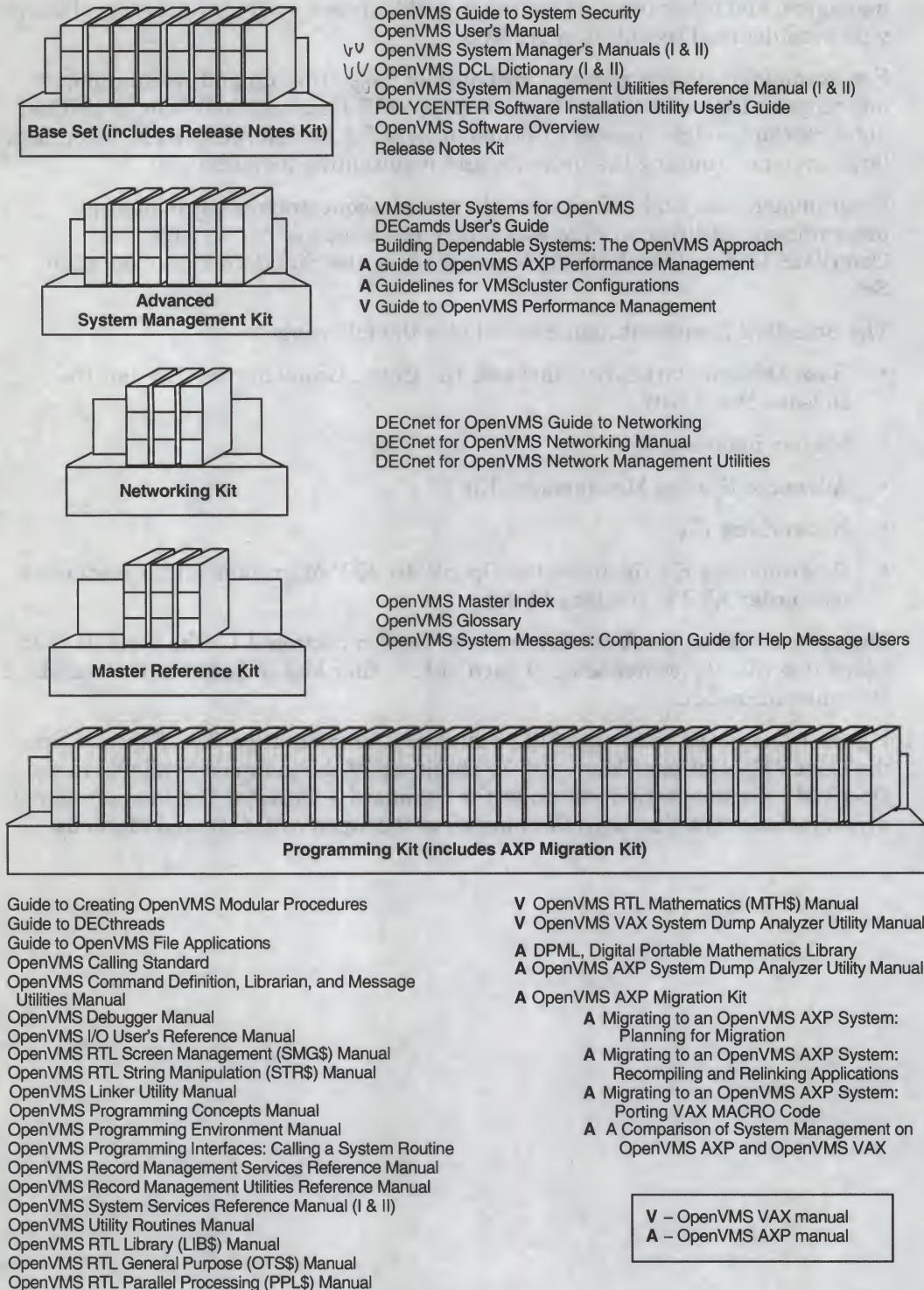
The components of the Base Set are described in Section 2.1. The sections that follow describe the components of each of the other kits included in the Standard Documentation Set.

Figure 1 shows the contents of the Standard Documentation Set. Figure 2 lists the OpenVMS Optional Manuals. To obtain all of the manuals available in the OpenVMS documentation set, order the Standard + Optional Documentation Set, which includes the Standard Set plus all of the OpenVMS Optional Manuals.



Figure 1 Standard Documentation Set

## Standard Documentation Set

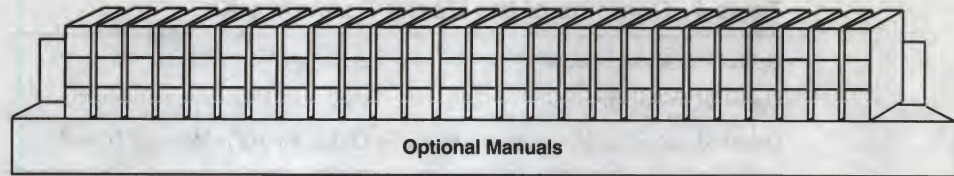


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**Figure 2 Optional Manuals**

## Optional Manuals



Guide to the DEC Text Processing Utility  
 DEC Text Processing Utility Reference Manual  
 Extensible Versatile Editor Reference Manual (EVE)  
 OpenVMS Bad Block Locator Utility Manual  
 OpenVMS Delta/XDelta Debugger Manual  
 OpenVMS DIGITAL Standard Runoff Reference Manual  
 OpenVMS RTL DEctalk (DTK\$) Manual  
 OpenVMS EDT Reference Manual  
 OpenVMS Exchange Utility Manual  
 OpenVMS Terminal Fallback Utility Manual  
 OpenVMS System Messages and Recovery  
 Procedures Reference Manual  
 OpenVMS National Character Set Utility Manual  
 POLYCENTER Software Installation Utility  
 Developer's Guide  
 OpenVMS SUMSLP Utility Manual  
 PDP-11 TECO User's Guide  
 OpenVMS Wide Area Network I/O User's Reference Manual  
 OpenVMS Developer's Guide to VMSINSTAL

**A** OpenVMS AXP Device Support: Developer's Guide  
**A** OpenVMS AXP Device Support: Reference  
**A** Creating an OpenVMS AXP Step 2 Device Driver  
 from a Step 1 Device Driver  
**A** Creating an OpenVMS AXP Step 2 Device Driver  
 from an OpenVMS VAX Device Driver  
**V** OpenVMS VAX Device Support Manual  
**V** OpenVMS VAX Device Support Reference Manual  
**V** OpenVMS Obsolete Features Manual  
**V** OpenVMS VAX Patch Utility Manual  
**V** VAX MACRO and Instruction Set Reference Manual  
**V** OpenVMS VAX Card Reader, Line Printer, and LPA11-K  
 I/O User's Reference Manual

**V** – OpenVMS VAX manual  
**A** – OpenVMS AXP manual

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### 2.2.1 Master Reference Kit

The Master Reference Kit provides the navigational tools you need for exploring the Standard Documentation Set. It consists of the manuals listed in Table 4.

**Table 4 Contents of the Master Reference Kit**

---

<i>OpenVMS Master Index</i> <sup>1</sup>
<i>OpenVMS Glossary</i>
<i>OpenVMS System Messages: Companion Guide for Help Message Users</i> <sup>2</sup>

---

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

---

The sections that follow describe each manual in the Master Reference Kit:

#### ***OpenVMS Master Index***

The *OpenVMS Master Index* is an edited compilation of individual indexes from all the books in the Standard Documentation Set.

For OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1, a representation of the *OpenVMS Master Index* is also available in Bookreader version. Index entries shown in the Bookreader version of the *OpenVMS Master Index* refer to page numbers in the hardcopy manuals.

#### ***OpenVMS Glossary***

Defines terms specific to OpenVMS that are used throughout the documentation.

#### ***OpenVMS System Messages: Companion Guide for Help Message Users***

Describes the features of the Help Message facility, a tool that you can use to display descriptions of messages on your terminal. The manual describes the HELP/MESSAGE command and qualifiers and also includes detailed information about customizing the Help Message database.

### 2.2.2 Advanced System Management Kit

The Advanced System Management Kit supplements the system management information in the Base Kit and is a reference source for system managers of midrange and high-end systems (including VMScluster environments). This kit contains detailed information about VMScluster environments and performance management.

The Advanced System Management Kit consists of the manuals listed in Table 5.

**Table 5 Contents of the Advanced System Management Kit**

---

<i>Building Dependable Systems: The OpenVMS Approach</i> <sup>1</sup>
<i>DECams User's Guide</i> <sup>1</sup>
<i>Guidelines for VMScluster Configurations</i> <sup>1‡</sup>
<i>Guide to OpenVMS Performance Management</i> <sup>†</sup>
<i>Guide to OpenVMS AXP Performance Management</i> <sup>1‡</sup>
<i>VMScluster Systems for OpenVMS</i> <sup>1</sup>

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<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>†</sup>OpenVMS VAX specific

<sup>‡</sup>OpenVMS AXP specific

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The sections that follow describe each manual in the Advanced System Management Kit:

***Building Dependable Systems: The OpenVMS Approach***

Offers practical information about analyzing the dependability requirements of your business applications and deciding how to use your computing systems to support your dependability goals. This information is complemented by technical summaries of the dependability features of OpenVMS and related hardware and layered software products.

The topics include strategies for fault prevention, error correction, and failure recovery; maintaining a dependable environment and disaster contingency planning; dependable system configurations; dependability characteristics of networks and building dependable applications. Sections describe dependable data center techniques for system managers, a "Lights Out Data Center" case study, and a data center self-evaluation checklist, plus a brief description of relevant support services from Digital.

***DECamds User's Guide***

Provides information for installing and using the DECamds software. DECamds was previously available only as an optional product. For OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1, DECamds is available to users who have a VMSclusters license. DECamds is a system management tool that lets you monitor and track certain events in a VMScluster environment.

AXP

***Guidelines for VMScluster Configurations***

Provides configuration information for VMSclusters, especially those in a mixed-architecture environment. ♦

VAX

***Guide to OpenVMS Performance Management***

Introduces and explains the techniques used to optimize performance on an OpenVMS VAX system. ♦

AXP

***Guide to OpenVMS AXP Performance Management***

Introduces and explains the techniques used to optimize performance on an OpenVMS AXP system. ♦

***VMScluster Systems for OpenVMS***

Provides an overview of VMScluster environments and explains procedures for setting up and managing VMScluster configurations.

**2.2.3 Networking Kit**

The Networking Kit includes all DECnet for OpenVMS information. This kit consists of the manuals listed in Table 6.

**Table 6 Contents of the Networking Kit**

---

<i>DECnet for OpenVMS Guide to Networking</i>
<i>DECnet for OpenVMS Networking Manual</i>
<i>DECnet for OpenVMS Network Management Utilities</i>

---



The sections that follow describe each manual in the Networking Kit:

***DECnet for OpenVMS Guide to Networking***

Introduces networking on an OpenVMS system. This guide presents a basic overview of networking, summarizes user and manager network operations, and describes the procedures for bringing up the network and keeping it running.

***DECnet for OpenVMS Networking Manual***

Covers network management concepts, tasks, procedures, and programming operations.

***DECnet for OpenVMS Network Management Utilities***

Contains command information for the Network Control Program (NCP) and the DTS/DTR utility. This document is for users responsible for network testing and management.

## 2.2.4 Programming Kit

In support of industry trends toward producing portable application programs, the new programming documentation shows you how to take advantage of the features of the OpenVMS programming environment to develop applications in high-level languages. Most of the programming environment is common to both OpenVMS VAX and OpenVMS AXP. Aspects of the programming environment that differ, such as routines that exist on one platform but not the other or routines that function differently, are described in the context of the common environment.

The Programming Kit consists of the manuals listed in Table 7. The contents of the Programming Kit differ slightly for VAX and AXP customers.

**Table 7 Contents of the Programming Kit**

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<i>OpenVMS Programming Environment Manual</i> <sup>1</sup>
<i>OpenVMS Programming Concepts Manual</i> <sup>1</sup>
<i>OpenVMS Programming Interfaces: Calling a System Routine</i> <sup>2</sup>
<i>Guide to Creating OpenVMS Modular Procedures</i>
<i>OpenVMS Calling Standard</i> <sup>1</sup>
<i>OpenVMS Command Definition, Librarian, and Message Utilities Manual</i>
<i>OpenVMS Debugger Manual</i> <sup>1</sup>
<i>OpenVMS I/O User's Reference Manual</i> <sup>2</sup>
<i>OpenVMS Linker Utility Manual</i> <sup>2</sup>
<i>Guide to OpenVMS File Applications</i>
<i>OpenVMS Record Management Services Reference Manual</i> <sup>2</sup>
<i>OpenVMS Record Management Utilities Reference Manual</i> <sup>2</sup>
<i>OpenVMS System Services Reference Manual: A-GETMSG</i> <sup>1</sup>
<i>OpenVMS System Services Reference Manual: GETQUI-Z</i> <sup>1</sup>
<i>OpenVMS Utility Routines Manual</i> <sup>1</sup>
<i>Guide to DECthreads</i> <sup>1</sup>

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<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

(continued on next page)



**Table 7 (Cont.) Contents of the Programming Kit**

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*OpenVMS RTL Library (LIB\$) Manual*<sup>1</sup>  
*OpenVMS RTL General Purpose (OTS\$) Manual*  
*OpenVMS RTL Parallel Processing (PPL\$) Manual*  
*OpenVMS RTL Screen Management (SMG\$) Manual*  
*OpenVMS RTL String Manipulation (STR\$) Manual*  
*OpenVMS VAX RTL Mathematics (MTH\$) Manual*†  
*Digital Portable Mathematics Library*<sup>1‡</sup>  
*OpenVMS VAX System Dump Analyzer Utility Manual*†  
*OpenVMS AXP System Dump Analyzer Utility Manual*<sup>1‡</sup>  
*OpenVMS AXP Migration Kit* (described in Section 2.2.5)‡

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<sup>1</sup>New or revised in both hardcopy and Bookreader versions

†OpenVMS VAX specific

‡OpenVMS AXP specific

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The sections that follow describe each manual in the Programming Kit:

***OpenVMS Programming Environment Manual***

Provides a general description of Digital products and tools that define the programming environment. This manual introduces facilities and tools such as the compilers, the linker, the debugger, the System Dump Analyzer, system services, and routine libraries.

***OpenVMS Programming Concepts Manual***

Describes concepts such as process creation, interprocess communication, data sharing, condition handling, and ASTs. This manual uses system services, utility routines, and run-time library (RTL) routines to illustrate mechanisms for utilizing OpenVMS features.

***OpenVMS Programming Interfaces: Calling a System Routine***

Describes the OpenVMS interface for procedure-to-procedure calls and how to call a system service or RTL procedure. It also describes how you represent data types in the various high-level languages supported on OpenVMS.

***Guide to Creating OpenVMS Modular Procedures***

Describes how to perform a complex programming task by dividing it into modules and coding each module as a separate procedure.

***OpenVMS Calling Standard***

Documents the calling standard for the operating system. This manual indicates aspects of the calling standard that are specific to OpenVMS AXP or OpenVMS VAX.

***OpenVMS Command Definition, Librarian, and Message Utilities Manual***

Contains descriptive and reference information about the following utilities:

- Command Definition utility
- Librarian utility
- Message utility

***OpenVMS Debugger Manual***

Explains the features of the OpenVMS Debugger for programmers.



### ***OpenVMS I/O User's Reference Manual***

Contains the information that system programmers need to program I/O operations using the device drivers that are supplied with the operating system. In previous releases, this book included information on wide area network, card reader, line printer, and laboratory peripheral accelerator drivers; these topics are now described in two optional manuals: the *OpenVMS Wide Area Network I/O User's Reference Manual* and the *OpenVMS VAX Card Reader, Line Printer, and LPA11-K I/O User's Reference Manual*.

### ***OpenVMS Linker Utility Manual***

Describes how to use the Linker utility to create images that run on either VAX or AXP systems and how you can control a link operation with link qualifiers and link options.

### ***Guide to OpenVMS File Applications***

Contains guidelines for designing, creating, and maintaining efficient data files by using Record Management Services (RMS). This manual is intended for application programmers and designers responsible for programs that use RMS files, especially if performance is an important consideration.

### ***OpenVMS Record Management Services Reference Manual***

Provides reference and usage information for all programmers who use RMS data files.

### ***OpenVMS Record Management Utilities Reference Manual***

Contains descriptive and reference information about the following RMS utilities:

- Analyze/RMS\_File utility
- Convert and Convert/Reclaim utilities
- File Definition Language facility

### ***OpenVMS System Services Reference Manual***

Presents the set of routines that the operating system uses to control resources, allow process communication, control I/O, and perform other such operating system functions. This manual is in two parts.

### ***OpenVMS Utility Routines Manual***

Describes the routines that allow a program to use the callable interface of selected OpenVMS utilities.

### ***Guide to DECthreads***

Describes DECthreads functionality, Digital's multithreading run-time library. The routines are used for creating and controlling multiple threads of execution within the address space provided by a single process. This manual documents two interfaces to DECthreads: a stable, upwardly compatible interface called *cma* and an interface that adheres to the evolving POSIX standard 1003.4a, called *pthread*.

### ***OpenVMS RTL Library (LIB\$) Manual***

Documents the general-purpose routines contained in the LIB\$ facility of the OpenVMS Run-Time Library. This manual indicates which routines are specific to AXP or VAX, as well as how routines function differently on each system.

### ***OpenVMS RTL General Purpose (OTS\$) Manual***

Documents the general-purpose routines contained in the OTS\$ facility of the OpenVMS Run-Time Library. This manual indicates which routines are specific to AXP or VAX, as well as how routines function differently on each system.



#### ***OpenVMS RTL Parallel Processing (PPL\$) Manual***

Documents the parallel-processing routines contained in the PPL\$ facility of the OpenVMS Run-Time Library. This manual indicates which routines are specific to AXP or VAX, as well as how routines function differently on each system.

#### ***OpenVMS RTL Screen Management (SMG\$) Manual***

Documents the screen management routines contained in the SMG\$ facility of the OpenVMS Run-Time Library. This manual indicates which routines are specific to AXP or VAX, as well as how routines function differently on each system.

#### ***OpenVMS RTL String Manipulation (STR\$) Manual***

Documents the string manipulation routines contained in the STR\$ facility of the OpenVMS Run-Time Library. This manual indicates which routines are specific to AXP or VAX, as well as how routines function differently on each system.

VAX

#### ***OpenVMS VAX RTL Mathematics (MTH\$) Manual***

Documents the mathematics routines contained in the MTH\$ facility of the OpenVMS Run-Time Library, which is relevant only to programmers using OpenVMS VAX. (AXP programmers should refer to *Digital Portable Mathematics Library*.)♦

AXP

#### ***Digital Portable Mathematics Library***

Documents the mathematics routines in the Digital Portable Mathematics Library (DPML), supplied only with OpenVMS AXP systems. VAX programmers should refer to the *OpenVMS VAX RTL Mathematics (MTH\$) Manual*.♦

VAX

#### ***OpenVMS VAX System Dump Analyzer Utility Manual***

Explains how to use the System Dump Analyzer utility to investigate system failures and examine a running OpenVMS VAX system. VAX programmers should refer to this manual; AXP programmers should refer to the *OpenVMS AXP System Dump Analyzer Utility Manual*.♦

AXP

#### ***OpenVMS AXP System Dump Analyzer Utility Manual***

Explains how to use the System Dump Analyzer utility to investigate system failures and examine a running OpenVMS AXP system. AXP programmers should refer to this manual; VAX programmers should refer to the *OpenVMS VAX System Dump Analyzer Utility Manual*.♦

### **2.2.5 AXP Migration Kit**

AXP

The AXP Migration Kit is part of the Programming Kit for OpenVMS AXP customers. (OpenVMS VAX customers can order this kit separately.) This documentation is designed to assist you in migrating existing VAX applications to OpenVMS AXP. The contents of this kit identify migration options, help you recompile and relink code on OpenVMS AXP, and describe the migration tools provided by Digital.

The AXP Migration Kit consists of the manuals listed in Table 8.



**Table 8 Contents of the AXP Migration Kit**

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<i>A Comparison of System Management on OpenVMS AXP and OpenVMS VAX<sup>1</sup></i>
<i>Migrating to an OpenVMS AXP System: Planning for Migration<sup>2</sup></i>
<i>Migrating to an OpenVMS AXP System: Recompiling and Relinking Applications</i>
<i>Migrating to an OpenVMS AXP System: Porting VAX MACRO Code<sup>2</sup></i>

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<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

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The sections that follow describe each manual in the AXP Migration Kit:

***A Comparison of System Management on OpenVMS AXP and OpenVMS VAX***

Discusses system management tools, the impact of AXP page sizes on system management operations, the system directory structure, interoperability issues, and performance information. This manual is designed for system managers who need to learn quickly how to manage an OpenVMS AXP system.

***Migrating to an OpenVMS AXP System: Planning for Migration***

Describes the general characteristics of RISC architectures, compares the Alpha AXP architecture to the VAX architecture, and presents an overview of the migration process and a summary of migration tools provided by Digital. The information in this manual is intended to help you define the optimal migration strategy for your application.

***Migrating to an OpenVMS AXP System: Recompiling and Relinking Applications***

Provides detailed technical information for programmers who must migrate high-level language applications to OpenVMS AXP. This manual describes how to set up a development environment to facilitate the migration of applications, helps programmers identify application dependencies on elements of the VAX architecture, and introduces compiler features that help resolve these dependencies. Individual sections of this manual discuss specific application dependencies on VAX architectural features, data porting issues (such as alignment concerns), and the process of migrating VAX shareable images.

***Migrating to an OpenVMS AXP System: Porting VAX MACRO Code***

Describes how you can port existing VAX MACRO assembly language code to an OpenVMS AXP system by using the features of the MACRO-32 compiler. It provides information to help you identify and correct VAX MACRO code that relies on elements of the VAX architecture. The manual examines the function of each compiler directive and built-in, explaining the circumstances under which it is necessary to add a directive or built-in to VAX MACRO assembly language code. It also discusses the qualifiers that govern the behavior of the compiler. ♦

## **2.3 Standard + Optional Documentation Set**

The Standard + Optional Documentation set includes the following:

- All of the manuals in the Standard Documentation Set
- All of the OpenVMS optional manuals, as listed in Table 9



Optional documentation consists of manuals that are useful to a limited group of customers and thus are offered as a separate purchase. You can order individual optional manuals, or you can order the entire offering of optional manuals as part of the Standard + Optional Documentation Set. If you have not purchased hardcopy optional documentation, you can use online Help to access the reference information from these optional manuals.

**Table 9 Optional Documentation**

Title	Description
<b>All Users</b>	
<i>OpenVMS Obsolete Features Manual</i> <sup>†</sup>	Presents the DCL commands, system services, RTL routines, and utilities made obsolete by VMS Version 4.0 through Version 5.0. The manual also has an appendix of DCL commands, RTL routines, and utilities eliminated from VMS Version 4.0.
<i>PDP-11 TECO User's Guide</i>	Describes the operating procedures for the PDP-11 TECO (Text Editor and Corrector) program.
<i>OpenVMS DIGITAL Standard Runoff Reference Manual</i>	Describes the DSR text-formatting utility.
<i>OpenVMS EDT Reference Manual</i>	Contains complete reference information for the EDT editor.
<i>Guide to the DEC Text Processing Utility</i>	Introduction to developing DECTPU programs.
<i>Extensible Versatile Editor Reference Manual</i>	Contains command reference information about the EVE text editor. It also provides a cross-reference between EDT and EVE commands.
<i>OpenVMS System Messages and Recovery Procedures Reference Manual</i> <sup>2</sup>	Contains an alphabetical listing of the errors, warnings, and informational messages issued by the operating system. Also provides the meaning of each message and a statement of the action to be taken in response to each message. This manual is in two parts.
<b>System Management</b>	
<i>OpenVMS Bad Block Locator Utility Manual</i>	Describes how to use the Bad Block Locator utility to locate bad blocks on older types of media.
<i>OpenVMS Exchange Utility Manual</i>	Describes how to use the Exchange utility to transfer files between some foreign format volumes and OpenVMS native volumes.
<i>OpenVMS Terminal Fallback Utility Manual</i>	Describes how to use the Terminal Fallback utility to manage the libraries, character conversion tables, and terminal parameters that are available within this utility.
<b>Programming</b>	
<i>OpenVMS Developer's Guide to VMSINSTAL</i>	Describes the VMSINSTAL command procedure and provides guidelines for designing installation procedures that conform to standards recommended by Digital. Intended for developers who are designing installation procedures for software products layered on the OpenVMS operating system.

<sup>2</sup>Revised in Bookreader version only for this release

<sup>†</sup>OpenVMS VAX specific

(continued on next page)



**Table 9 (Cont.) Optional Documentation**

Title	Description
<b>Programming</b>	
<i>POLYCENTER Software Installation Utility Developer's Guide</i> <sup>1</sup>	Describes the procedure and provides guidelines for developing software products that will be installed using the POLYCENTER Software Installation utility. Intended for developers who are designing installation procedures for software products layered on the OpenVMS operating system.
<i>OpenVMS RTL DECTalk (DTK\$) Manual</i>	Documents the DECTalk support routines contained in the DTK\$ facility of the OpenVMS Run-Time Library.
<i>OpenVMS SUMSLP Utility Manual</i>	Describes how to use the SUMSLP batch-oriented editor to update source files.
<i>OpenVMS National Character Set Utility Manual</i>	Describes how to use the National character set utility to build NCS definition files.
<i>OpenVMS Delta/XDelta Debugger Manual</i>	Describes the Delta/XDelta utility used to debug programs that run in privileged processor mode or at an elevated interrupt priority level.
<i>DEC Text Processing Utility Reference Manual</i>	Describes the DEC Text Processing Utility (DECTPU) and provides reference information about the EDT Keypad Emulator interfaces to DECTPU.
<i>OpenVMS Wide Area Network I/O User's Reference Manual</i> <sup>†</sup>	Describes the DMC11/DMR11, DMP11 and DMF32, DR11-W and DRV11-WA, DR32, and asynchronous DDCCMP interface drivers on OpenVMS VAX.
<i>OpenVMS VAX Card Reader, Line Printer, and LPA11-K I/O User's Reference Manual</i> <sup>†</sup>	Describes the card reader, laboratory peripheral accelerator, and line printer drivers on OpenVMS VAX.
<i>VAX MACRO and Instruction Set Reference Manual</i> <sup>†</sup>	Documents both the assembler directives of VAX MACRO and the VAX instruction set.
<i>OpenVMS VAX Patch Utility Manual</i> <sup>†</sup>	Describes how to use the Patch utility to examine and modify executable and shareable OpenVMS VAX images.
<i>OpenVMS VAX Device Support Manual</i> <sup>†</sup>	Describes how to write an OpenVMS VAX driver for a device not supplied by Digital.
<i>OpenVMS VAX Device Support Reference Manual</i> <sup>†</sup>	Provides the reference material for the <i>OpenVMS VAX Device Support Manual</i> by describing the data structures, macros, and routines used in device-driver programming.
<i>OpenVMS AXP Device Support: Developer's Guide</i> <sup>1‡</sup>	Describes how to write a driver for OpenVMS AXP Version 6.1 for a device not supplied by Digital.
<i>OpenVMS AXP Device Support: Reference</i> <sup>1‡</sup>	Provides the reference material for the <i>OpenVMS AXP Device Support: Developer's Guide</i> by describing the data structures, macros, and routines used in device-driver programming.
<i>Creating an OpenVMS AXP Step 2 Device Driver from a Step 1 Device Driver</i> <sup>1‡</sup>	Provides information for upgrading a Step 1 device driver (used in earlier versions of OpenVMS AXP) to a Step 2 device driver. A Step 2 device driver is required for OpenVMS AXP Version 6.1.
<i>Creating an OpenVMS AXP Step 2 Device Driver from an OpenVMS VAX Device Driver</i> <sup>1‡</sup>	Provides information for migrating a device driver used on OpenVMS VAX to a Step 2 device driver used on OpenVMS AXP Version 6.1.
<sup>1</sup> New or revised in both hardcopy and Bookreader versions	
<sup>†</sup> OpenVMS VAX specific	
<sup>‡</sup> OpenVMS AXP specific	



## 2.4 Upgrade and Installation Documentation

Your installation information includes an installation and upgrade manual for your system plus the *OpenVMS License Management Utility Manual*.

### VAX

On OpenVMS VAX, the *OpenVMS VAX Version 6.1 Upgrade and Installation Manual* is your primary source for step-by-step upgrade and installation procedures. Start any Version 6.1 installation or upgrade by following the instructions in the *OpenVMS VAX Version 6.1 Upgrade and Installation Manual*, which is included in your media kit. This manual also describes how to upgrade a VMScluster environment.

In addition to the *OpenVMS VAX Version 6.1 Upgrade and Installation Manual*, you received one or more upgrade and installation supplements with your media kit. These manuals contain information specific to your VAX computer, such as device-naming conventions and instructions for booting standalone Backup, as well as startup and shutdown information. One upgrade and installation supplement covers each family of VAX computers. For example, one supplement is dedicated to the VAX 9000 series of computers. Use your computer-specific supplement in conjunction with the *OpenVMS VAX Version 6.1 Upgrade and Installation Manual* when you install or upgrade your system software. ♦

### AXP

OpenVMS AXP customers receive the *OpenVMS AXP Version 6.1 Upgrade and Installation Manual*. This manual contains step-by-step upgrade and installation information as well as device-naming and booting information.

For OpenVMS AXP Version 6.1, a new installation procedure is used, using the POLYCENTER Software Installation utility. Complete installation information for OpenVMS AXP Version 6.1 is available in the *OpenVMS AXP Version 6.1 Upgrade and Installation Manual*. Additional information about using the POLYCENTER Software Installation utility is available in the *POLYCENTER Software Installation Utility User's Guide*, which is included in the Base and Standard Documentation Sets. ♦

The *OpenVMS License Management Utility Manual* is included in all OpenVMS media kits. This manual describes the License Management Facility (LMF), the software license management tool. LMF includes the License Management Utility (LICENSE) and the command procedure VMSLICENSE.COM, which is used to register, manage, and track software licenses on line.

## 2.5 System Integrated Products Documentation

System Integrated Products are included in the OpenVMS software, but you must purchase separate licenses to enable them, and you must purchase the related documentation separately. These manuals are not included in the Standard + Optional Documentation Set. Table 10 lists and describes each manual in the set of SIPs documentation.



**Table 10 System Integrated Products Documentation**

Title	Description
<i>RMS Journaling for OpenVMS Manual</i>	Describes the three types of RMS Journaling as well as other OpenVMS components that support RMS Journaling. This manual also describes the RMS Recovery utility (which is used to recover data saved using journaling), the transaction processing system services, and system management tasks required when using RMS Journaling. You receive this manual when you purchase the RMS Journaling license.
<i>Volume Shadowing for OpenVMS</i>	Describes how to provide high data availability with phase II volume shadowing. You receive this manual when you purchase the volume shadowing license.

### 3 Online Help

Many users appreciate the convenience and immediacy of online help. Thus, the OpenVMS operating system provides online help for the commands, utilities, and system routines documented in the Standard Documentation Set and in the Optional Documentation.

### 4 Help Message Facility

You can use the Help Message facility to quickly access online descriptions of system messages. In addition, you can add your own source files, such as messages documentation that you have written, to the Help Message database. *OpenVMS System Messages: Companion Guide for Help Message Users* in the Master Reference Kit explains how to use the Help Message facility.

### 5 Online Documentation

All OpenVMS documentation is available in online books that can be viewed with the DECwindows Bookreader or the DECwindows Motif Bookreader. OpenVMS AXP customers and OpenVMS VAX customers who order the compact disc kit receive online documentation on the CD-ROM.

#### VAX

All OpenVMS VAX documentation and many layered products documentation are available on the Online Documentation (OLD) Library. The OLD compact disc is updated bimonthly and is offered on a subscription basis either as a single purchase or bimonthly (six issues per year). See Section 7.3.5 for ordering information. ♦

### 6 Printable Documentation

The following books are available in ASCII (.TXT) format on the OpenVMS VAX Media kit and in the documentation directory of the OpenVMS AXP CD-ROM:

*OpenVMS Glossary*  
*OpenVMS Master Index*  
*Overview of OpenVMS Documentation*

Depending on the choices made during the installation procedure for your system, these files might be installed on your system disk in the directory [SYSHLP.VMSDOC]. See the installation manual for your system for more information about accessing these manuals.



## 7 Ordering Information

Section 7.1 provides telephone numbers and addresses that you can use for ordering documentation, and Section 7.2 provides the order numbers for documentation sets, kits, and individual manuals.

### 7.1 How to Order Documentation

This section describes how you can order OpenVMS software documentation by telephone, by electronic mail, or by direct mail.

If you need additional help deciding which documentation best suits your needs, in the United States call 800-344-4825.

#### Telephone Orders

**Continental USA,  
Alaska, or Hawaii**

Voice: 800-DIGITAL  
Voice: 800-344-4825  
Fax: 800-234-2298

**Puerto Rico**

Voice: 809-781-0505  
Fax: (809) 749-8377

**Canada**

Voice: 800-267-6215  
Voice: 613-592-5111  
Fax: 613-592-1946

**International**

Call local Digital subsidiary or approved distributor

#### Electronic Orders, USA Only

To place an order at the Electronic Store, dial 800-234-1998 using a 2400- or 9600-baud modem. If you need help using the Electronic Store, call 800-DIGITAL (800-344-4825).

#### Direct Mail Orders

**Continental USA,  
Alaska, or Hawaii**

Digital Equipment Corporation  
P.O. Box CS2008  
Nashua, New Hampshire 03061

**Puerto Rico**

Digital Equipment Caribbean, Inc.  
Post Office Box 11038  
San Juan, Puerto Rico 00910-2138

**Canada**

Digital Equipment of Canada Ltd.  
Attn: DECdirect Sales  
Box 13000  
100 Herzberg Road  
Kanata, Ontario, Canada K2K 2A6

**International**

Contact local Digital subsidiary or approved distributor

### 7.2 Ordering Complete Sets and Kits

Section 7.2.1, Section 7.2.2, and Section 7.2.3 list the documentation kits (and their order numbers) that you can order.



## 7.2.1 OpenVMS AXP Sets and Kits

Table 11 lists the Documentation Sets and Table 12 lists the Documentation Kits for OpenVMS AXP Version 6.1.

**Table 11 Order Numbers for Complete Sets, OpenVMS AXP**

Documentation Set	Order Number	Contents
Base Set	QA-MT1AB-GZ.6.1	Base Kit Release Notes Kit
Standard Set	QA-MT1AA-GZ.6.1	Base Set Master Reference Kit Advanced System Management Kit Networking Kit Programming Kit (includes Migration Kit)
Standard+ Optional Set	QA-MT1AH-GZ.6.1	Standard Set Optional Manuals

**Table 12 Order Numbers for Documentation Kits, OpenVMS AXP**

Documentation Kit	Order Number	Contents
Base Kit	✓ AA-PV5KB-TK	OpenVMS DCL Dictionary: A-M <sup>1</sup>
	✓ AA-PV5LB-TK	OpenVMS DCL Dictionary: N-Z <sup>1</sup>
	✓ AA-PVXHB-TE	OpenVMS Software Overview <sup>1</sup>
	✓ AA-PV5MB-TK	OpenVMS System Manager's Manual: Essentials <sup>1</sup>
	✓ AA-PV5NB-TK	OpenVMS System Manager's Manual: Tuning, Monitoring, and Complex Systems <sup>1</sup>
	✓ AA-PV5PB-TK	OpenVMS System Management Utilities Reference Manual: A-M <sup>1</sup>
	✓ AA-PV5QB-TK	OpenVMS System Management Utilities Reference Manual: N-Z <sup>1</sup>
	✓ AA-Q2HLA-TE	OpenVMS Guide to System Security <sup>1</sup>
	✓ AA-PV5JA-TK	OpenVMS User's Manual <sup>2</sup>
	✓ AA-Q28NA-TK	POLYCENTER Software Installation Utility User's Guide <sup>1</sup>
Release Notes Kit‡	QA-MT1AY-GZ.6.1	Cover letters
	✓ AA-PV72B-TE	OpenVMS AXP Version 6.1 Release Notes <sup>1</sup> ‡

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

‡OpenVMS AXP specific

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**Table 12 (Cont.) Order Numbers for Documentation Kits, OpenVMS AXP**

Documentation Kit	Order Number	Contents
	✓ AV-PZ27B-TE	<i>OpenVMS AXP Version 6.1 Release Notes Addendum</i> <sup>1‡</sup>
	✓ AA-Q2HNA-TE	<i>OpenVMS AXP Version 6.1 New Features Manual</i> <sup>1‡</sup>
	AA-PYQ4B-TE	<i>OpenVMS Compatibility Between VAX and AXP</i> <sup>1</sup>
	AA-PV6YB-TK	<i>Overview of OpenVMS Documentation</i> <sup>1</sup>
Master Reference Kit	QA-MT3AD-GZ.6.1	
	AA-PV5VB-TK	<i>OpenVMS Master Index</i> <sup>1</sup>
	AA-PV5UA-TK	<i>OpenVMS Glossary</i>
	AA-PV5TA-TK	<i>OpenVMS System Messages: Companion Guide for Help Message Users</i> <sup>2</sup>
Advanced System Management Kit‡	QA-MT1AC-GZ.6.1	
	AA-PV5WB-TK	<i>VMScLuster Systems for OpenVMS</i> <sup>1</sup>
	AA-PV5YB-TE	<i>Building Dependable Systems: The OpenVMS Approach</i> <sup>1</sup>
	AA-Q3JSA-TE	<i>DECams User's Guide</i> <sup>1</sup>
	AA-Q28LA-TK	<i>Guidelines for VMScLuster Configurations</i> <sup>1‡</sup>
	AA-Q28WA-TE	<i>Guide to OpenVMS AXP Performance Management</i> <sup>1‡</sup>
Networking Kit	QA-MT3AE-GZ.6.1	
	AA-PV5ZA-TK	<i>DECnet for OpenVMS Guide to Networking</i>
	AA-PV60A-TK	<i>DECnet for OpenVMS Networking Manual</i>
	AA-PV61A-TK	<i>DECnet for OpenVMS Network Management Utilities</i>
Programming Kit	QA-MT1AF-GZ.6.1	
	AA-PV66B-TK	<i>OpenVMS Programming Environment Manual</i> <sup>1</sup>
	AA-PV67B-TK	<i>OpenVMS Programming Concepts Manual</i> <sup>1</sup>
	AA-PV68A-TK	<i>OpenVMS Programming Interfaces: Calling a System Routine</i> <sup>2</sup>
	AA-PV6AA-TK	<i>Guide to Creating OpenVMS Modular Procedures</i>
	AA-PV69B-TK	<i>OpenVMS Calling Standard</i> <sup>1</sup>
	AA-PV6DA-TK	<i>OpenVMS Command Definition, Librarian, and Message Utilities Manual</i>
	AA-PV6BB-TK	<i>OpenVMS Debugger Manual</i> <sup>1</sup>
	AA-PV6SA-TK	<i>OpenVMS I/O User's Reference Manual</i> <sup>2</sup>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

‡OpenVMS AXP specific

(continued on next page)



**Table 12 (Cont.) Order Numbers for Documentation Kits, OpenVMS AXP**

Documentation Kit	Order Number	Contents
	AA-PV6CA-TK	<i>OpenVMS Linker Utility Manual</i> <sup>2</sup>
	AA-PV6PA-TK	<i>Guide to OpenVMS File Applications</i>
	AA-PV6RA-TK	<i>OpenVMS Record Management Services Reference Manual</i> <sup>2</sup>
	AA-PV6QA-TK	<i>OpenVMS Record Management Utilities Reference Manual</i> <sup>2</sup>
	AA-PV6FB-TK	<i>OpenVMS System Services Reference Manual: A-GETMSG</i> <sup>1</sup>
	AA-PV6GB-TK	<i>OpenVMS System Services Reference Manual: GETQUI-Z</i> <sup>1</sup>
	AA-PV6EB-TK	<i>OpenVMS Utility Routines Manual</i> <sup>1</sup>
	AA-Q39DA-TK	<i>Guide to DECthreads</i> <sup>1</sup>
	AA-PV6KB-TK	<i>OpenVMS RTL Library (LIB\$) Manual</i> <sup>1</sup>
	AA-PV6HA-TK	<i>OpenVMS RTL General Purpose (OTS\$) Manual</i>
	AA-PV6JA-TK	<i>OpenVMS RTL Parallel Processing (PPL\$) Manual</i>
	AA-PV6LA-TK	<i>OpenVMS RTL Screen Management (SMG\$) Manual</i>
	AA-PV6MA-TK	<i>OpenVMS RTL String Manipulation (STR\$) Manual</i>
	AA-PV6VB-TE	<i>Digital Portable Mathematics Library</i> <sup>1‡</sup>
	AA-PV6UB-TE	<i>OpenVMS AXP System Dump Analyzer Utility Manual</i> <sup>1‡</sup>
		OpenVMS AXP Migration Kit‡
AXP Migration Kit‡	QA-MT1AG-GZ.6.1	
	AA-PV71B-TE	<i>A Comparison of System Management on OpenVMS AXP and OpenVMS VAX</i> <sup>1‡</sup>
	AA-PV62A-TE	<i>Migrating to an OpenVMS AXP System: Planning for Migration</i> <sup>2‡</sup>
	AA-PV63A-TE	<i>Migrating to an OpenVMS AXP System: Recompiling and Relinking Applications</i> <sup>‡</sup>
	AA-PV64A-TE	<i>Migrating to an OpenVMS AXP System: Porting VAX MACRO Code</i> <sup>2‡</sup>
Optional Manuals		
	AA-Q28SA-TE	<i>OpenVMS AXP Device Support: Developer's Guide</i> <sup>1‡</sup>
	AA-Q28PA-TE	<i>OpenVMS AXP Device Support: Reference</i> <sup>1‡</sup>
	AA-Q28TA-TE	<i>Creating an OpenVMS AXP Step 2 Device Driver from a Step 1 Device Driver</i> <sup>1‡</sup>
	AA-Q28UA-TE	<i>Creating an OpenVMS AXP Step 2 Device Driver from an OpenVMS VAX Device Driver</i> <sup>1‡</sup>
	AA-PS6BA-TE	<i>OpenVMS Terminal Fallback Utility Manual</i>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

‡OpenVMS AXP specific

(continued on next page)



**Table 12 (Cont.) Order Numbers for Documentation Kits, OpenVMS AXP**

Documentation Kit	Order Number	Contents
	AA-PS69A-TE	<i>OpenVMS Bad Block Locator Utility Manual</i>
	AA-PS6AA-TE	<i>OpenVMS Exchange Utility Manual</i>
	AA-PWBXA-TE	<i>OpenVMS Developer's Guide to VMSINSTAL</i>
	AA-Q28MA-TK	<i>POLYCENTER Software Installation Utility Developer's Guide<sup>1</sup></i>
	AA-PS6EA-TE	<i>OpenVMS SUMSLP Utility Manual</i>
	AA-PS6FA-TE	<i>OpenVMS National Character Set Utility Manual</i>
	AA-PWCAA-TE	<i>OpenVMS Delta/XDelta Debugger Manual</i>
	AA-PWCCA-TE	<i>DEC Text Processing Utility Reference Manual</i>
	AA-PS6HA-TE	<i>OpenVMS DIGITAL Standard Runoff Reference Manual</i>
	AA-PS6KA-TE	<i>OpenVMS EDT Reference Manual</i>
	AA-PWCBA-TE	<i>Guide to the DEC Text Processing Utility</i>
	AA-PWCDA-TE	<i>Extensible Versatile Editor Reference Manual</i>
	AA-PVXKA-TE	<i>OpenVMS System Messages and Recovery Procedures Reference Manual: A-L<sup>2</sup></i>
	AA-PVXLA-TE	<i>OpenVMS System Messages and Recovery Procedures Reference Manual: M-Z<sup>2</sup></i>
	AA-K420B-TC	<i>PDP-11 TECO User's Guide</i>
	AA-PS6CA-TE	<i>OpenVMS RTL DECtalk (DTK\$) Manual</i>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

### 7.2.2 OpenVMS VAX Sets and Kits

Table 13 lists the Documentation Sets and Table 14 lists the Documentation Kits for OpenVMS VAX Version 6.1.

**Table 13 Order Numbers for Complete Sets, OpenVMS VAX**

Documentation Set	Order Number	Contents
Base Set	QA-09SAA-GZ.6.1	Base Kit Release Notes Kit
Standard Set	QA-005AA-GZ.6.1	Base Set Master Reference Kit Advanced System Management Kit Networking Kit Programming Kit
Standard + Optional Set	QA-001AA-GZ.6.1	Standard Set Optional Manuals



**Table 14 Order Numbers for Documentation Kits, OpenVMS VAX**

Documentation Kit	Order Number	Contents
Base Kit	AA-PV5KB-TK	<i>OpenVMS DCL Dictionary: A-M</i> <sup>1</sup>
	AA-PV5LB-TK	<i>OpenVMS DCL Dictionary: N-Z</i> <sup>1</sup>
	AA-PVXHB-TE	<i>OpenVMS Software Overview</i> <sup>1</sup>
	AA-PV5MB-TK	<i>OpenVMS System Manager's Manual: Essentials</i> <sup>1</sup>
	AA-PV5NB-TK	<i>OpenVMS System Manager's Manual: Tuning, Monitoring, and Complex Systems</i> <sup>1</sup>
	AA-PV5PB-TK	<i>OpenVMS System Management Utilities Reference Manual: A-M</i> <sup>1</sup>
	AA-PV5QB-TK	<i>OpenVMS System Management Utilities Reference Manual: N-Z</i> <sup>1</sup>
	AA-Q2HLA-TE	<i>OpenVMS Guide to System Security</i> <sup>1</sup>
	AA-PV5JA-TK	<i>OpenVMS User's Manual</i> <sup>2</sup>
	AA-Q28NA-TK	<i>POLYCENTER Software Installation Utility User's Guide</i> <sup>1</sup>
Release Notes Kit†	QA-001AY-GZ.6.1	Cover letters
	AA-PV6ZB-TE	<i>OpenVMS VAX Version 6.1 Release Notes</i> <sup>1†</sup>
	AV-PY1RB-TE	<i>OpenVMS VAX Version 6.1 Release Notes Addendum</i> <sup>1†</sup>
	AA-PV70B-TE	<i>OpenVMS VAX Version 6.1 New Features Manual</i> <sup>1†</sup>
	AA-PYQ4B-TE	<i>OpenVMS Compatibility Between VAX and AXP</i> <sup>1</sup>
	AA-PV6YB-TK	<i>Overview of OpenVMS Documentation</i> <sup>1</sup>
Master Reference Kit	QA-MT3AD-GZ.6.1	
	AA-PV5VB-TK	<i>OpenVMS Master Index</i> <sup>1</sup>
	AA-PV5UA-TK	<i>OpenVMS Glossary</i>
	AA-PV5TA-TK	<i>OpenVMS System Messages: Companion Guide for Help Message Users</i> <sup>2</sup>
Advanced System Management Kit†	QA-001AC-GZ.6.1	
	AA-PV5WB-TK	<i>VMScluster Systems for OpenVMS</i> <sup>1</sup>
	AA-PV5YB-TE	<i>Building Dependable Systems: The OpenVMS Approach</i> <sup>1</sup>
	AA-Q3JSA-TE	<i>DECamds User's Guide</i> <sup>1</sup>
	AA-PV5XA-TE	<i>Guide to OpenVMS Performance Management</i> <sup>†</sup>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

†OpenVMS VAX specific

(continued on next page)



**Table 14 (Cont.) Order Numbers for Documentation Kits, OpenVMS VAX**

Documentation Kit	Order Number	Contents
Networking Kit	QA-MT3AE-GZ.6.1	
	AA-PV5ZA-TK	<i>DECnet for OpenVMS Guide to Networking</i>
	AA-PV60A-TK	<i>DECnet for OpenVMS Networking Manual</i>
	AA-PV61A-TK	<i>DECnet for OpenVMS Network Management Utilities</i>
Programming Kit	QA-001AF-GZ.6.1	
	AA-PV67B-TK	<i>OpenVMS Programming Concepts Manual</i> <sup>1</sup>
	AA-PV66B-TK	<i>OpenVMS Programming Environment Manual</i> <sup>1</sup>
	AA-PV68A-TK	<i>OpenVMS Programming Interfaces: Calling a System Routine</i> <sup>2</sup>
	AA-PV6AA-TK	<i>Guide to Creating OpenVMS Modular Procedures</i>
	AA-PV69B-TK	<i>OpenVMS Calling Standard</i> <sup>1</sup>
	AA-PV6DA-TK	<i>OpenVMS Command Definition, Librarian, and Message Utilities Manual</i>
	AA-PV6BB-TK	<i>OpenVMS Debugger Manual</i> <sup>1</sup>
	AA-PV6SA-TK	<i>OpenVMS I/O User's Reference Manual</i> <sup>2</sup>
	AA-PV6CA-TK	<i>OpenVMS Linker Utility Manual</i> <sup>2</sup>
	AA-PV6PA-TK	<i>Guide to OpenVMS File Applications</i>
	AA-PV6RA-TK	<i>OpenVMS Record Management Services Reference Manual</i> <sup>2</sup>
	AA-PV6QA-TK	<i>OpenVMS Record Management Utilities Reference Manual</i> <sup>2</sup>
	AA-PV6FB-TK	<i>OpenVMS System Services Reference Manual: A-GETMSG</i> <sup>1</sup>
	AA-PV6GB-TK	<i>OpenVMS System Services Reference Manual: GETQUI-Z</i> <sup>1</sup>
	AA-PV6EB-TK	<i>OpenVMS Utility Routines Manual</i> <sup>1</sup>
	AA-Q39DA-TK	<i>Guide to DECthreads</i> <sup>1</sup>
	AA-PV6KB-TK	<i>OpenVMS RTL Library (LIB\$) Manual</i> <sup>1</sup>
	AA-PVXJA-TE	<i>OpenVMS VAX RTL Mathematics (MTH\$) Manual</i> <sup>†</sup>
	AA-PV6HA-TK	<i>OpenVMS RTL General Purpose (OTS\$) Manual</i>
	AA-PV6JA-TK	<i>OpenVMS RTL Parallel Processing (PPL\$) Manual</i>
	AA-PV6LA-TK	<i>OpenVMS RTL Screen Management (SMG\$) Manual</i>
	AA-PV6MA-TK	<i>OpenVMS RTL String Manipulation (STR\$) Manual</i>
	AA-PV6TA-TE	<i>OpenVMS VAX System Dump Analyzer Utility Manual</i> <sup>†</sup>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

<sup>†</sup>OpenVMS VAX specific

(continued on next page)



**Table 14 (Cont.) Order Numbers for Documentation Kits, OpenVMS VAX**

Documentation Kit	Order Number	Contents
Optional Manuals		
	AA-PS6BA-TE	<i>OpenVMS Terminal Fallback Utility Manual</i>
	AA-PWBXA-TE	<i>OpenVMS Developer's Guide to VMSINSTAL</i>
	AA-Q28MA-TK	<i>POLYCENTER Software Installation Utility Developer's Guide<sup>1</sup></i>
	AA-PS6EA-TE	<i>OpenVMS SUMSLP Utility Manual</i>
	AA-PS6FA-TE	<i>OpenVMS National Character Set Utility Manual</i>
	AA-PWCAA-TE	<i>OpenVMS Delta/XDelta Debugger Manual</i>
	AA-PWCCA-TE	<i>DEC Text Processing Utility Reference Manual</i>
	AA-PS6HA-TE	<i>OpenVMS DIGITAL Standard Runoff Reference Manual</i>
	AA-PS6KA-TE	<i>OpenVMS EDT Reference Manual</i>
	AA-PWCBA-TE	<i>Guide to the DEC Text Processing Utility</i>
	AA-PWCDA-TE	<i>Extensible Versatile Editor Reference Manual</i>
	AA-PVXKA-TE	<i>OpenVMS System Messages and Recovery Procedures Reference Manual: A-L<sup>2</sup></i>
	AA-PVXLA-TE	<i>OpenVMS System Messages and Recovery Procedures Reference Manual: M-Z<sup>2</sup></i>
	AA-PS69A-TE	<i>OpenVMS Bad Block Locator Utility Manual</i>
	AA-PS6AA-TE	<i>OpenVMS Exchange Utility Manual</i>
	AA-PS6CA-TE	<i>OpenVMS RTL DECtalk (DTK\$) Manual</i>
	AA-PS6DA-TE	<i>OpenVMS VAX Patch Utility Manual†</i>
	AA-PS6GA-TE	<i>VAX MACRO and Instruction Set Reference Manual†</i>
	AA-PWC7A-TE	<i>OpenVMS Wide Area Network I/O User's Reference Manual†</i>
	AA-PVXGA-TE	<i>OpenVMS VAX Card Reader, Line Printer, and LPA11-K I/O User's Reference Manual†</i>
	AA-PWC8A-TE	<i>OpenVMS VAX Device Support Manual†</i>
	AA-PWC9A-TE	<i>OpenVMS VAX Device Support Reference Manual†</i>
	AA-PS6JA-TE	<i>OpenVMS Obsolete Features Manual†</i>
	AA-K420B-TC	<i>PDP-11 TECO User's Guide</i>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

†OpenVMS VAX specific

### 7.2.3 OpenVMS AXP and OpenVMS VAX Combined Sets and Kits

Table 15 lists the Documentation Sets and Table 16 lists the Documentation Kits for the combined documentation for OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1.



**Table 15 Order Numbers for Complete Sets, OpenVMS AXP and VAX Combined**

Documentation Set	Order Number	Contents
Base Set	QA-MT3AB-GZ.6.1	Base Kit Release Notes Kit
Standard Set	QA-MT3AA-GZ.6.1	Base Set Master Reference Kit Advanced System Management Kit Networking Kit Programming Kit (includes Migration Kit)
Standard + Optional Set	QA-MT3AH-GZ.6.1	Standard Set Optional Manuals

**Table 16 Order Numbers for Documentation Kits, OpenVMS AXP and VAX Combined**

Documentation Kit	Order Number	Contents
* Base Kit	AA-PV5KB-TK	<i>OpenVMS DCL Dictionary: A-M<sup>1</sup></i>
	AA-PV5LB-TK	<i>OpenVMS DCL Dictionary: N-Z<sup>1</sup></i>
	AA-PVXHB-TE	<i>OpenVMS Software Overview<sup>1</sup></i>
	AA-PV5MB-TK	<i>OpenVMS System Manager's Manual: Essentials<sup>1</sup></i>
	AA-PV5NB-TK	<i>OpenVMS System Manager's Manual: Tuning, Monitoring, and Complex Systems<sup>1</sup></i>
	AA-PV5PB-TK	<i>OpenVMS System Management Utilities Reference Manual: A-M<sup>1</sup></i>
	AA-PV5QB-TK	<i>OpenVMS System Management Utilities Reference Manual: N-Z<sup>1</sup></i>
	AA-Q2HLA-TE	<i>OpenVMS Guide to System Security<sup>1</sup></i>
	AA-PV5JA-TK	<i>OpenVMS User's Manual<sup>2</sup></i>
	AA-PYQ4B-TE	<i>OpenVMS Compatibility Between VAX and AXP<sup>1</sup></i>
	AA-Q28NA-TK	<i>POLYCENTER Software Installation Utility User's Guide<sup>1</sup></i>
Combined Release Notes Kit	QA-MT3AY-GZ.6.1	Cover letters
	AA-PV72B-TE	<i>OpenVMS AXP Version 6.1 Release Notes<sup>1‡</sup></i>
	AV-PZ27B-TE	<i>OpenVMS AXP Version 6.1 Release Notes Addendum<sup>1‡</sup></i>
	AA-Q2HNA-TE	<i>OpenVMS AXP Version 6.1 New Features Manual<sup>1‡</sup></i>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions<sup>2</sup>Revised in Bookreader version only for this release

‡OpenVMS AXP specific

(continued on next page)



**Table 16 (Cont.) Order Numbers for Documentation Kits, OpenVMS AXP and VAX Combined**

Documentation Kit	Order Number	Contents
266133	✓ AA-PV6ZB-TE	OpenVMS VAX Version 6.1 Release Notes <sup>1†</sup>
	✓ AV-PY1RB-TE	OpenVMS VAX Version 6.1 Release Notes Addendum <sup>1†</sup>
	✓ AA-PV70B-TE	OpenVMS VAX Version 6.1 New Features Manual <sup>1†</sup>
	AA-PYQ4B-TE	OpenVMS Compatibility Between VAX and AXP <sup>1</sup> = deleted
	✓ AA-PV6YB-TK	Overview of OpenVMS Documentation <sup>1</sup> = deleted
Master Reference Kit	QA-MT3AD-GZ.6.1	
	✓ AA-PV5VB-TK	OpenVMS Master Index <sup>1</sup>
	✓ AA-PV5UA-TK	OpenVMS Glossary
	✓ AA-PV5TA-TK	OpenVMS System Messages: Companion Guide for Help Message Users <sup>2</sup>
Advanced System Management Kit	QA-MT3AC-GZ.6.1	
	✓ AA-PV5WB-TK	VMScluster Systems for OpenVMS <sup>1</sup>
	✓ AA-PV5YB-TE	Building Dependable Systems: The OpenVMS Approach <sup>1</sup>
	✓ AA-Q3JSA-TE	DECams User's Guide <sup>1</sup>
	nieh → AA-Q28LA-TK	Guidelines for VMScluster Configurations <sup>1‡</sup>
	nieh → AA-Q28WA-TE	Guide to OpenVMS AXP Performance Management <sup>1‡</sup>
Networking Kit	✓ AA-PV5XA-TE	Guide to OpenVMS Performance Management <sup>‡</sup>
	QA-MT3AE-GZ.6.1	
	✓ AA-PV5ZA-TK	DECnet for OpenVMS Guide to Networking
	✓ AA-PV60A-TK	DECnet for OpenVMS Networking Manual
	✓ AA-PV61A-TK	DECnet for OpenVMS Network Management Utilities
Programming Kit	✓ AA-PV65A-TK	OpenVMS Programming/Debugger Index
	QA-MT3AF-GZ.6.1	
	✓ AA-PV66B-TK	OpenVMS Programming Environment Manual <sup>1</sup>
	✓ AA-PV67B-TK	OpenVMS Programming Concepts Manual <sup>1</sup>
	✓ AA-PV68A-TK	OpenVMS Programming Interfaces: Calling a System Routine <sup>2</sup>
	✓ AA-PV6AA-TK	Guide to Creating OpenVMS Modular Procedures
	✓ AA-PV69B-TK	OpenVMS Calling Standard <sup>1</sup>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

†OpenVMS VAX specific

‡OpenVMS AXP specific

(continued on next page)



**Table 16 (Cont.) Order Numbers for Documentation Kits, OpenVMS AXP and VAX Combined**

Documentation Kit	Order Number	Contents
	✓ AA-PV6DA-TK	<i>OpenVMS Command Definition, Librarian, and Message Utilities Manual</i>
	✓ AA-PV6BB-TK	<i>OpenVMS Debugger Manual</i> <sup>1</sup>
	✓ AA-PV6SA-TK	<i>OpenVMS I/O User's Reference Manual</i> <sup>2</sup>
	✓ AA-PV6CA-TK	<i>OpenVMS Linker Utility Manual</i> <sup>2</sup>
	✓ AA-PV6PA-TK	<i>Guide to OpenVMS File Applications</i>
	✓ AA-PV6RA-TK	<i>OpenVMS Record Management Services Reference Manual</i> <sup>2</sup>
	✓ AA-PV6QA-TK	<i>OpenVMS Record Management Utilities Reference Manual</i> <sup>2</sup>
	✓ AA-PV6FB-TK	<i>OpenVMS System Services Reference Manual: A-GETMSG</i> <sup>1</sup>
	✓ AA-PV6GB-TK	<i>OpenVMS System Services Reference Manual: GETQUI-Z</i> <sup>1</sup>
	✓ AA-PV6EB-TK	<i>OpenVMS Utility Routines Manual</i> <sup>1</sup>
	✓ AA-Q39DA-TK	<i>Guide to DECthreads</i> <sup>1</sup>
	✓ AA-PV6KB-TK	<i>OpenVMS RTL Library (LIB\$) Manual</i> <sup>1</sup>
	✓ AA-PVXJA-TE	<i>OpenVMS VAX RTL Mathematics (MTH\$) Manual</i> <sup>†</sup>
	✓ AA-PV6HA-TK	<i>OpenVMS RTL General Purpose (OTS\$) Manual</i>
	✓ AA-PV6JA-TK	<i>OpenVMS RTL Parallel Processing (PPL\$) Manual</i>
	✓ AA-PV6LA-TK	<i>OpenVMS RTL Screen Management (SMG\$) Manual</i>
	✓ AA-PV6MA-TK	<i>OpenVMS RTL String Manipulation (STR\$) Manual</i>
	✓ AA-PV6VB-TE	<i>Digital Portable Mathematics Library</i> <sup>1‡</sup>
	✓ AA-PV6UB-TE	<i>OpenVMS AXP System Dump Analyzer Utility Manual</i> <sup>1‡</sup>
	✓ AA-PV6TA-TE	<i>OpenVMS VAX System Dump Analyzer Utility Manual</i> <sup>†</sup>
AXP Migration Kit	QA-MT1AG-GZ.6.1	
	→ ✓ AA-PV71B-TE	<i>A Comparison of System Management on OpenVMS AXP and OpenVMS VAX</i> <sup>1‡</sup>
	✓ AA-PV62A-TE	<i>Migrating to an OpenVMS AXP System: Planning for Migration</i> <sup>2‡</sup>
	✓ AA-PV63A-TE	<i>Migrating to an OpenVMS AXP System: Recompiling and Relinking Applications</i> <sup>‡</sup>
	✓ AA-PV64A-TE	<i>Migrating to an OpenVMS AXP System: Porting VAX MACRO Code</i> <sup>2‡</sup>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>2</sup>Revised in Bookreader version only for this release

<sup>†</sup>OpenVMS VAX specific

<sup>‡</sup>OpenVMS AXP specific

(continued on next page)



**Table 16 (Cont.) Order Numbers for Documentation Kits, OpenVMS AXP and VAX Combined**

Documentation Kit	Order Number	Contents
Optional Manuals		
	AA-Q28SA-TE	<i>OpenVMS AXP Device Support: Developer's Guide<sup>1‡</sup></i>
	AA-Q28PA-TE	<i>OpenVMS AXP Device Support: Reference<sup>1‡</sup></i>
	AA-Q28TA-TE	<i>Creating an OpenVMS AXP Step 2 Device Driver from a Step 1 Device Driver<sup>1‡</sup></i>
	AA-Q28UA-TE	<i>Creating an OpenVMS AXP Step 2 Device Driver from an OpenVMS VAX Device Driver<sup>1‡</sup></i>
	✓ AA-PS6BA-TE	<i>OpenVMS Terminal Fallback Utility Manual</i>
	✓ AA-PS69A-TE	<i>OpenVMS Bad Block Locator Utility Manual</i>
	✓ AA-PS6AA-TE	<i>OpenVMS Exchange Utility Manual</i>
	✓ AA-PWBXA-TE	<i>OpenVMS Developer's Guide to VMSINSTAL</i>
	✓ AA-Q28MA-TK	<i>POLYCENTER Software Installation Utility Developer's Guide<sup>1</sup></i>
	✓ AA-PS6EA-TE	<i>OpenVMS SUMSLP Utility Manual</i>
	✓ AA-PS6FA-TE	<i>OpenVMS National Character Set Utility Manual</i>
	✓ AA-PWCAA-TE	<i>OpenVMS Delta/XDelta Debugger Manual</i>
	✓ AA-PWCCA-TE	<i>DEC Text Processing Utility Reference Manual</i>
	✓ AA-PS6HA-TE	<i>OpenVMS DIGITAL Standard Runoff Reference Manual</i>
	✓ AA-PS6KA-TE	<i>OpenVMS EDT Reference Manual</i>
	✓ AA-PWCBA-TE	<i>Guide to the DEC Text Processing Utility</i>
	✓ AA-PWCDA-TE	<i>Extensible Versatile Editor Reference Manual</i>
	✓ AA-PVXKA-TE	<i>OpenVMS System Messages and Recovery Procedures Reference Manual: A-L<sup>1</sup></i>
	✓ AA-PVXLA-TE	<i>OpenVMS System Messages and Recovery Procedures Reference Manual: M-Z<sup>1</sup></i>
	AA-K420B-TC	<i>PDP-11 TECO User's Guide</i>
	✓ AA-PS6CA-TE	<i>OpenVMS RTL DECtalk (DTK\$) Manual</i>
	✓ AA-PS6DA-TE	<i>OpenVMS VAX Patch Utility Manual<sup>†</sup></i>
	✓ AA-PS6GA-TE	<i>VAX MACRO and Instruction Set Reference Manual<sup>†</sup></i>
	✓ AA-PWC7A-TE	<i>OpenVMS Wide Area Network I/O User's Reference Manual<sup>†</sup></i>
	✓ AA-PVXGA-TE	<i>OpenVMS VAX Card Reader, Line Printer, and LPA11-K I/O User's Reference Manual<sup>†</sup></i>
	✓ AA-PWC8A-TE	<i>OpenVMS VAX Device Support Manual<sup>†</sup></i>
	✓ AA-PWC9A-TE	<i>OpenVMS VAX Device Support Reference Manual<sup>†</sup></i>
	✓ AA-PS6JA-TE	<i>OpenVMS Obsolete Features Manual<sup>†</sup></i>

<sup>1</sup>New or revised in both hardcopy and Bookreader versions

<sup>†</sup>OpenVMS VAX specific

<sup>‡</sup>OpenVMS AXP specific



## 7.3 Ordering Other OpenVMS Documents

In addition to the manuals listed in Section 7.2, you can also order individual upgrade and installation manuals, the *OpenVMS License Management Utility Manual*, Software Product Descriptions (SPDs) for OpenVMS VAX, InfoServer manuals, manuals for Volume Shadowing for OpenVMS and RMS Journaling for OpenVMS, and the Online Documentation Library.

### 7.3.1 Order Numbers for Upgrade and Installation Supplements

Table 17 lists the titles and the order numbers for the upgrade and installation manuals and supplements. Note that you will receive upgrade and installation information and the *OpenVMS License Management Utility Manual* with your software media.

**Table 17 Order Numbers for Upgrade and Installation Documents**

Title	Order Number
✓ <i>OpenVMS License Management Utility Manual</i>	AA-PVXUB-TK
✓ <i>OpenVMS AXP Version 6.1 Upgrade and Installation Manual</i>	AA-PV6XB-TE
✓ <i>OpenVMS VAX Version 6.1 Upgrade and Installation Manual</i>	AA-PV6WB-TE
<i>VMS Installation and Operations: VAX-11/730</i>	AA-LB31B-TE
<i>VMS Upgrade and Installation Supplement: VAX-11/750</i>	AA-LB30B-TE
<i>VMS Upgrade and Installation Supplement: VAX-11/780, 785</i>	AA-LB29B-TE
<i>OpenVMS VAX Upgrade and Installation Supplement: VAX 6000 Series</i>	AA-PS6NA-TE
<i>OpenVMS VAX Upgrade and Installation Supplement: VAX 7000 Series and VAX 10000 Series</i>	AA-PVXTA-TE
<i>OpenVMS VAX Upgrade and Installation Supplement: VAX 8200, 8250, 8300, 8350</i>	AA-PS6PA-TE
<i>OpenVMS VAX Upgrade and Installation Supplement: VAX 8530, 8550, 8810 (8700), and 8820-N (8800)</i>	AA-PS6QA-TE
<i>OpenVMS VAX Upgrade and Installation Supplement: VAX 8600, 8650</i>	AA-PS6UA-TE
<i>OpenVMS VAX Upgrade and Installation Supplement: VAX 8820, 8830, 8840</i>	AA-PS6MA-TE
<i>VMS Upgrade and Installation Supplement: VAXft Systems</i>	AA-PJQ2B-TE
<i>OpenVMS VAX Upgrade and Installation Supplement: VAX 9000 Series</i>	AA-PS6TA-TE
<i>OpenVMS VAX Installation and Operations: VAXstation II, II/GPX and MicroVAX II</i>	AA-PS6ZA-TE
<i>OpenVMS VAX Upgrade and Installation Supplement: VAXstation 2000, MicroVAX 2000</i>	AA-PS6YA-TE
<i>OpenVMS VAX Upgrade and Installation Supplement: VAXstation 3100, 4000 and MicroVAX 3100 Series</i>	AA-PS6SA-TE
<i>OpenVMS VAX Upgrade and Installation Supplement: VAXstation 3520, 3540</i>	AA-PS6LA-TE
<i>OpenVMS Upgrade/Installation: VAX 4000 Series, MicroVAX, VAXstation, and VAXserver 32/33/34/35/36/38/3900 Series</i>	AA-PS6RA-TE



### 7.3.2 Order Numbers for VAX Software Product Descriptions (SPDs)

Table 18 lists the order numbers for SPDs for OpenVMS VAX and its associated products. Note that the SPDs for OpenVMS AXP are found on the OpenVMS AXP CD-ROM.

**Table 18 Order Numbers for VAX SPDs**

Title	Order Number
<i>DECnet for OpenVMS VAX Software Product Description</i>	AE-PY1FB-TE
<i>OpenVMS VAX Software Product Description</i>	AE-PY1GB-TE
<i>VMScluster for OpenVMS VAX Software Product Description</i>	AE-PY1HB-TE
<i>Volume Shadowing for OpenVMS VAX Software Product Description</i>	AE-PY1JB-TE
<i>RMS Journaling for OpenVMS VAX Software Product Description</i>	AE-PY1KB-TE

### 7.3.3 Order Numbers for InfoServer Manuals

Table 19 lists the InfoServer manuals. The following manuals are not produced as part of the OpenVMS documentation set. However, the order numbers are provided here for your convenience.

**Table 19 Order Numbers for InfoServer Manuals**

Title	Order Number
<i>InfoServer System Operations Guide</i>	AA-PJXJA-TE
<i>InfoServer Client for OpenVMS LASTCP and LADCP Utilities</i>	AA-PT4DA-TE

### 7.3.4 Order Numbers for System Integrated Products Documentation

Table 20 lists the order numbers for individual SIPs manuals.

**Table 20 Order Numbers for SIPs Manuals**

Title	Order Number
<i>Volume Shadowing for OpenVMS</i>	AA-PVXMC-TE
<i>RMS Journaling for OpenVMS Manual</i>	AA-JG41C-TE

### 7.3.5 The Online Documentation Library Compact Disc (VAX Only)

**VAX**

OpenVMS VAX customers can order the *OpenVMS VAX Online Documentation Library*, a CD-ROM that includes a current version of each of the manuals in the OpenVMS documentation set. This CD-ROM is issued every two months; you can order either a single issue or a subscription for a full year. For ordering information, see Section 7 or contact your Digital account representative. ♦

## 8 New Documentation for This Release

The documentation sets for OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1 include expanded information in the base documentation sets, revised and updated information in most manuals, new device driver manuals for OpenVMS AXP users, a representation of the master index available through Bookreader, and other improvements.



The following manuals have been added to the Base Kit:

- The *OpenVMS Software Overview*, which has been revised for this release and includes information about the OpenVMS AXP and OpenVMS VAX operating systems and some of the products available for them.
- The *OpenVMS Guide to System Security*, a common manual applicable to both OpenVMS AXP and OpenVMS VAX platforms. This manual replaces both the *OpenVMS AXP Guide to System Security* and the *OpenVMS VAX Guide to System Security*.
- The *POLYCENTER Software Installation Utility User's Guide*, which describes a new utility for installing and managing software products.

The *POLYCENTER Software Installation Utility Developer's Guide* is a new manual common to OpenVMS AXP Version 6.1 and OpenVMS VAX Version 6.1; it is an Optional Manual. This manual is intended for people who want to develop software products that will be installed using the new POLYCENTER Software Installation utility.

For OpenVMS AXP Version 6.1, new manuals are available with information on cluster configuration guidelines, performance management, and for users who wish to write or migrate their own device drivers. These new manuals include the following:

- *Guidelines for VMScluster Configurations*
- *Guide to OpenVMS AXP Performance Management*
- *OpenVMS AXP Device Support: Developer's Guide*
- *OpenVMS AXP Device Support: Reference*
- *Creating an OpenVMS AXP Step 2 Device Driver from a Step 1 Device Driver*
- *Creating an OpenVMS AXP Step 2 Device Driver from an OpenVMS VAX Device Driver*

## 9 Restructured Documentation Sets

In OpenVMS AXP Version 1.5 and OpenVMS VAX Version 6.0, Digital introduced a restructured information set for the OpenVMS operating system. Information that existed in the VMS Version 5.5 documentation set was streamlined or put in an easily accessible online version to improve its usability.

Many of the most commonly-used manuals (for example, the *DCL Dictionary*) continue to be published and revised under the same or very similar titles. Other manuals that were published for Version 5.5, however, are no longer available in the same format. Table 21 shows where information from those Version 5.5 manuals that are no longer available can be found in the Version 6.1 documentation.

For ordering information about manuals and sets, see Section 7.



**Table 21 Where to Find Information**

<b>Archived Manual Version 5.5</b>	<b>New Location Version 6.1</b>
<b>General User Subkit</b>	
<i>VMS General User Master Index</i>	Discontinued
<i>Introduction to VMS</i>	<i>OpenVMS User's Manual</i>
<i>Guide to Using VMS</i>	
<i>VMS DCL Concepts Manual</i>	
<i>Guide to Using VMS Command Procedures</i>	
<i>VMS Mail Utility Manual</i>	<i>OpenVMS User's Manual</i>
<i>VMS Sort/Merge Utility Manual</i>	Online Help
<i>VMS Phone Utility Manual</i>	
<i>Guide to VMS Text Processing</i>	<i>OpenVMS User's Manual</i> <i>Extensible Versatile Editor Reference Manual</i> <i>OpenVMS DIGITAL Standard Runoff Reference Manual</i> <i>OpenVMS EDT Reference Manual</i> Online Help
<i>Guide to VMS Files and Devices</i>	<i>OpenVMS System Manager's Manual</i>
<b>System Management Subkit</b>	
<i>VMS System Management Master Index</i>	Discontinued
<i>Introduction to VMS System Management</i>	<i>OpenVMS System Manager's Manual</i>
<i>Guide to Setting Up a VMS System</i>	
<i>Guide to Maintaining a VMS System</i>	
<i>Using VMS BACKUP</i>	

(continued on next page)



**Table 21 (Cont.) Where to Find Information**

<b>Archived Manual Version 5.5</b>	<b>New Location Version 6.1</b>
<b>System Management Subkit</b>	
<i>VMS SYSMAN Utility Manual</i>	<i>OpenVMS System Management Utilities Reference Manual</i>
<i>VMS Install Utility Manual</i>	<i>Online Help</i>
<i>VMS LAT Control Program (LATCP) Manual</i>	
<i>VMS System Generation Utility Manual</i>	
<i>VMS Analyze/Disk_Structure Utility Manual</i>	
<i>VMS Backup Utility Manual</i>	
<i>VMS Error Log Utility Manual</i>	
<i>VMS Mount Utility Manual</i>	
<i>VMS Access Control List Editor Manual</i>	
<i>VMS Authorize Utility Manual</i>	
<i>VMS Audit Analysis Utility Manual</i>	
<i>VMS Accounting Utility Manual</i>	
<i>VMS Monitor Utility Manual</i>	
<i>VMS Show Cluster Utility Manual</i>	
<i>VMS Exchange Utility Manual<sup>1</sup></i>	<i>OpenVMS System Manager's Manual</i>
<i>VMS Terminal Fallback Utility Manual<sup>1</sup></i>	<i>Online Help</i>
<i>VMS Bad Block Locator Utility Manual<sup>1</sup></i>	
<i>Guide to DECnet-VAX Networking</i>	<i>DECnet for OpenVMS Guide to Networking</i>
<i>VMS Networking Manual</i>	<i>DECnet for OpenVMS Networking Manual</i>
<i>VMS DECnet Test Sender/DECnet Test Receiver Utility Manual</i>	<i>DECnet for OpenVMS Network Management Utilities</i>
<i>VMS Network Control Language Reference Manual</i>	<i>Online Help</i>
<i>VMS LAD Control Program (LADCP) Manual</i>	<i>OpenVMS System Manager's Manual</i>
	<i>InfoServer System Operations Guide</i>
	<i>InfoServer Client for OpenVMS LASTCP and LADCP Utilities</i>
	<i>Online Help</i>
<b>Archived Manual</b>	<b>New Location of Information</b>
<b>Programming Subkit</b>	
<i>Guide to VMS Programming Resources</i>	<i>OpenVMS Programming Environment Manual</i>
	<i>OpenVMS Programming Concepts Manual</i>

<sup>1</sup>This manual is now optional.

(continued on next page)



**Table 21 (Cont.) Where to Find Information**

<b>Archived Manual</b>	<b>New Location of Information</b>
<b>Programming Subkit</b>	
<i>VMS Command Definition Utility Manual</i>	<i>OpenVMS Command Definition, Librarian, and Message Utilities Manual</i> Online Help
<i>VMS Librarian Utility Manual</i>	
<i>VMS Message Utility Manual</i>	
<i>VMS Analyze/RMS_File Utility Manual</i>	<i>OpenVMS Record Management Utilities Reference Manual</i> Online Help
<i>VMS Convert and Convert/Reclaim Utility Manual</i>	
<i>VMS File Definition Language Facility Manual</i>	
<i>Introduction to VMS System Routines</i>	<i>OpenVMS Programming Interfaces: Calling a System Routine</i> <i>OpenVMS Calling Standard</i>
<i>Introduction to the VMS Run-Time Library</i>	<i>OpenVMS Programming Interfaces: Calling a System Routine</i>
<i>Introduction to VMS System Services</i>	<i>OpenVMS Programming Concepts Manual</i> <i>OpenVMS Programming Interfaces: Calling a System Routine</i>
<i>VAX Text Processing Utility Manual</i>	<i>DEC Text Processing Utility Reference Manual</i> Online Help
<i>VMS I/O User's Reference Manual: Part I</i>	<i>OpenVMS I/O User's Reference Manual</i> , except Chapters 2, 4, and 5, which are in the <i>OpenVMS VAX Card Reader, Line Printer, and LPA11-K I/O User's Reference Manual</i>
<i>VMS I/O User's Reference Manual: Part II</i>	Chapters 1 through 5: <i>OpenVMS Wide Area Network I/O User's Reference Manual</i> Chapter 6, Ethernet/802 Device Drivers: <i>OpenVMS I/O User's Reference Manual</i>



## NOTES



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# For the Editor

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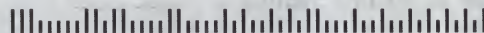
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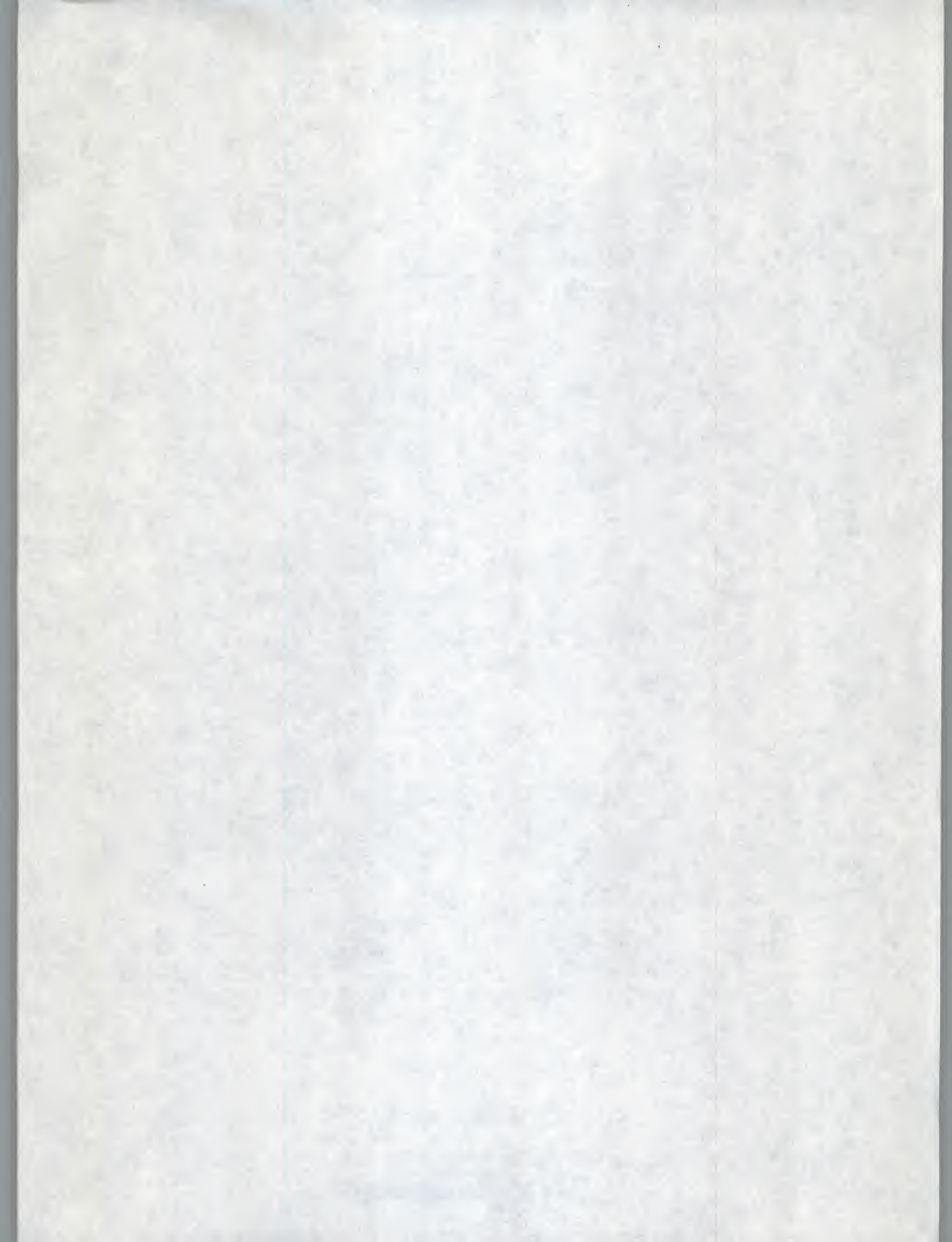
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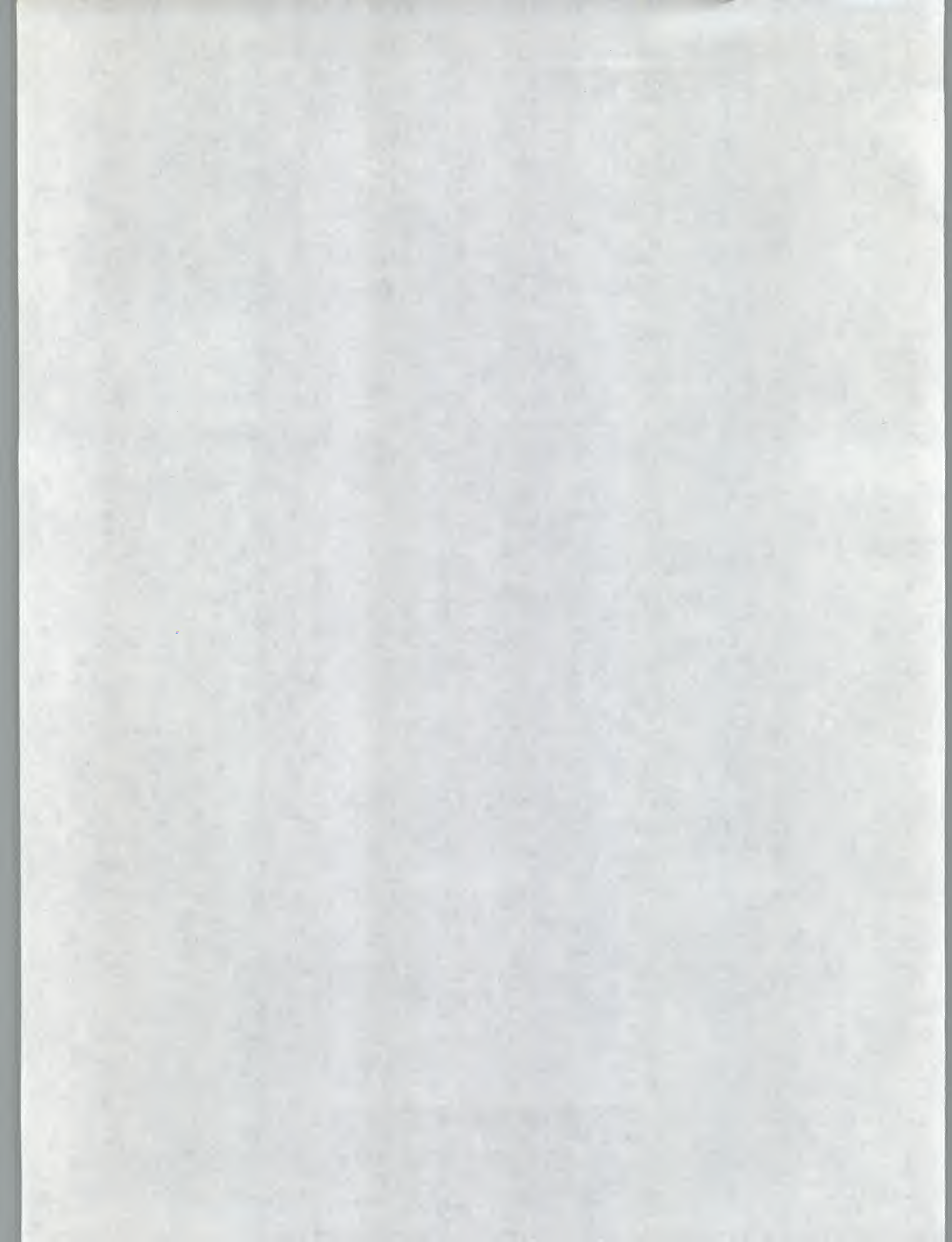


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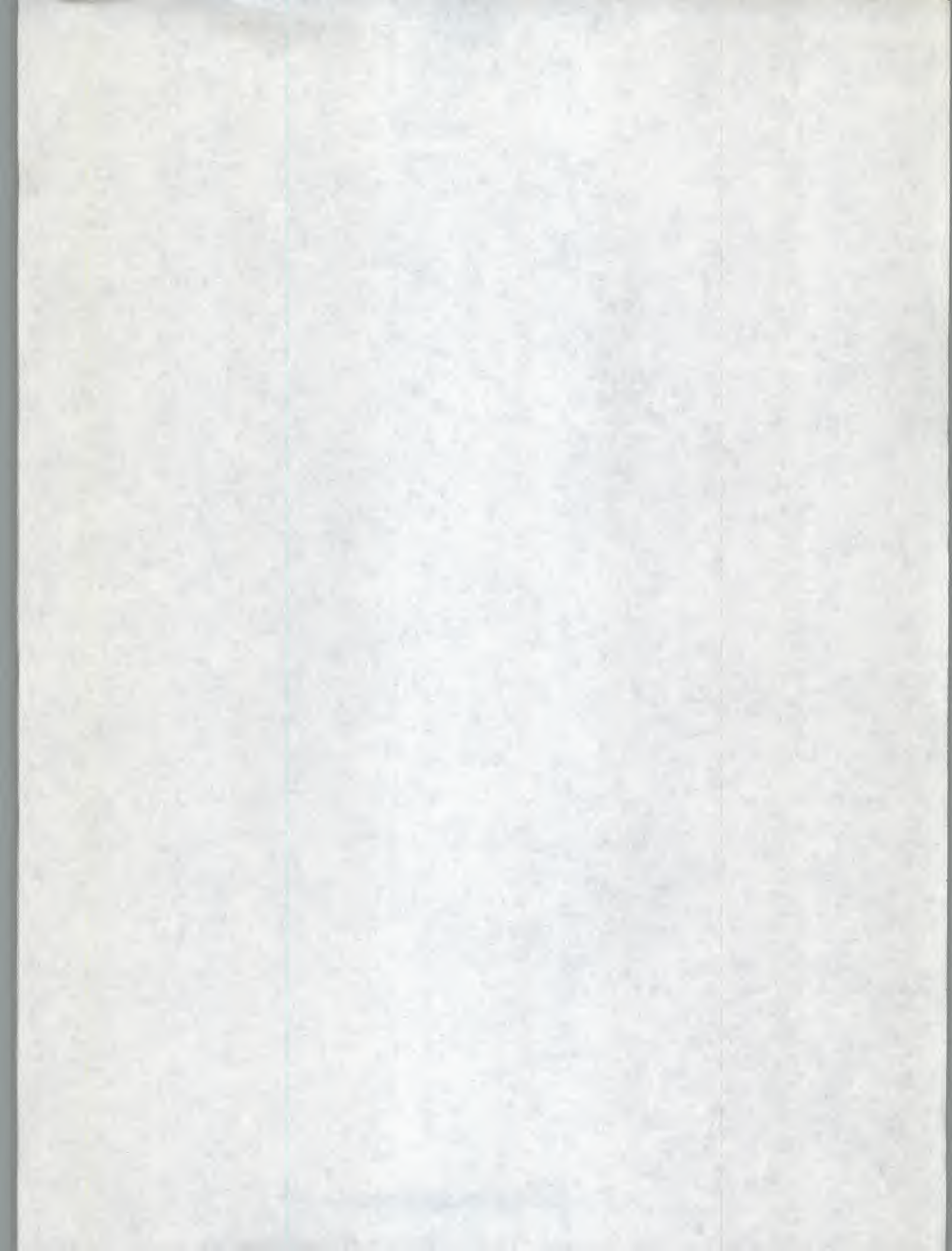




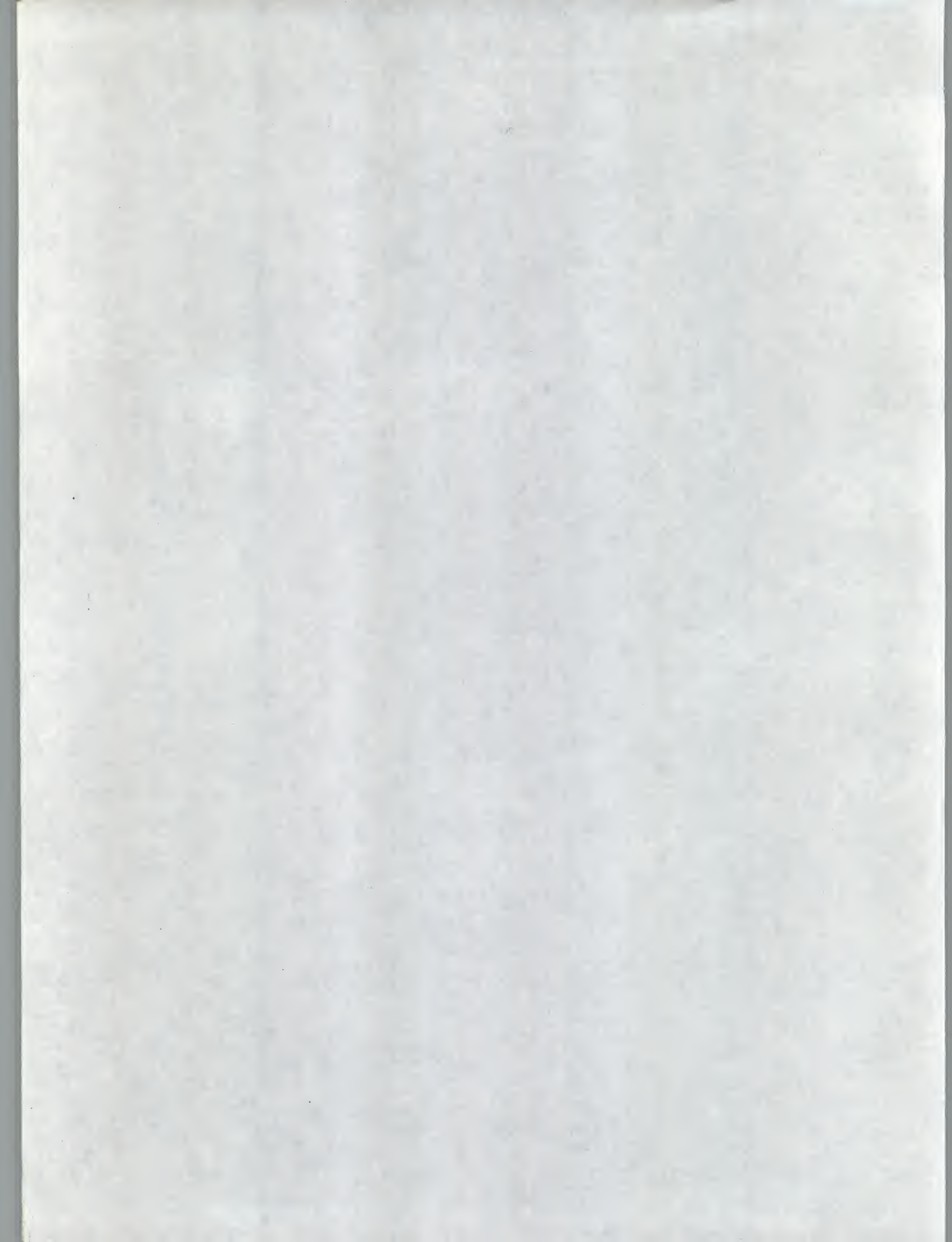




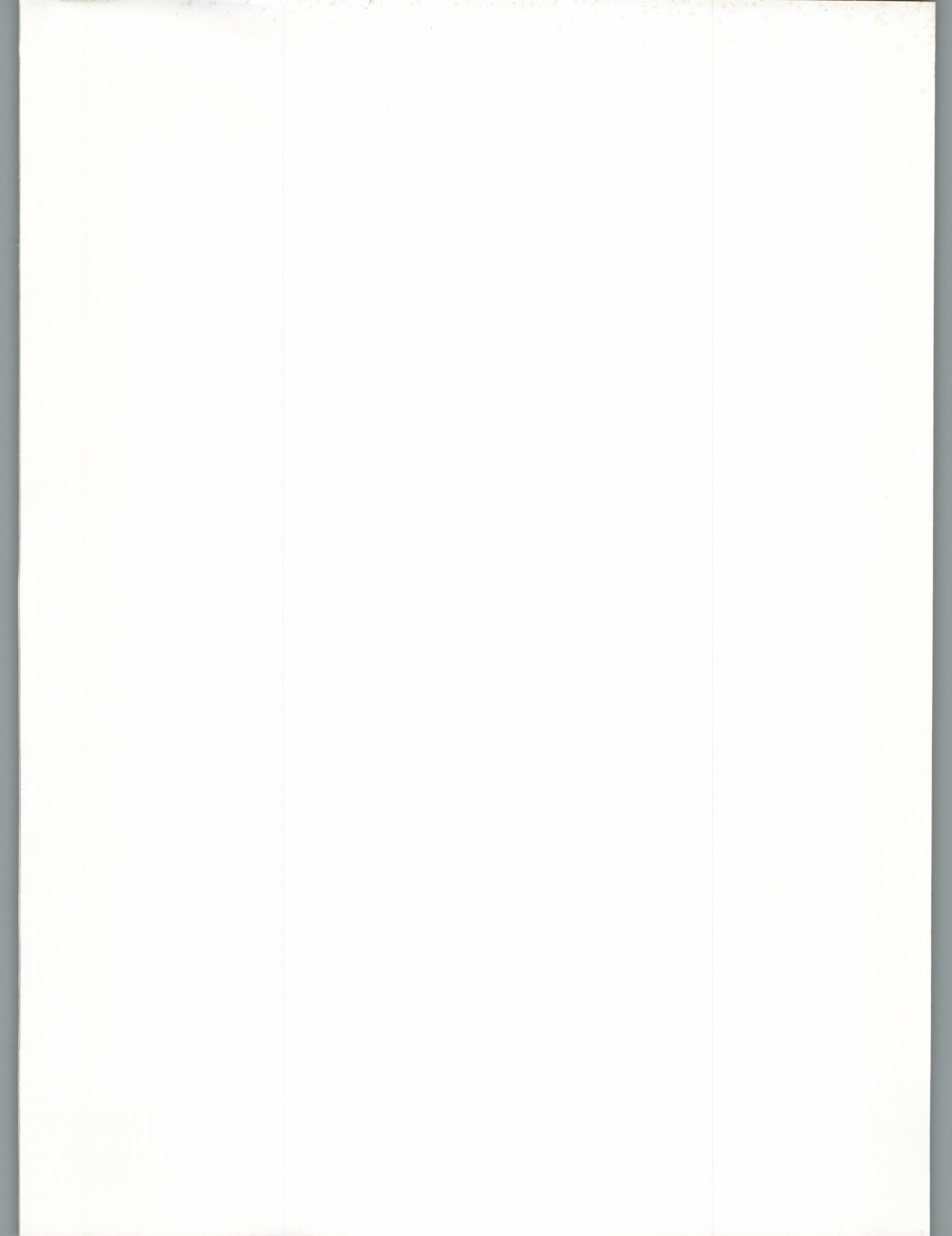














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